

TC-K361/RX361

SERVICE MANUAL

Canadian Model
TC-RX361


AEP Model
TC-K361/RX361

E Model
Australian Model
TC-K361



Photo : RX361

- * Dolby noise reduction and HX Pro headroom extension manufactured under license from Dolby Laboratories Licensing Corporation. HX Pro originated by Bang & Olufsen.

"DOLBY", the double-D symbol  and "HX PRO" are trademarks of Dolby Laboratories Licensing Corporation.

Model Name Using Similar Mechanism	NEW
Tape Transport Mechanism Type	TC-K361 : TCM-190VB12CS TC-RX361 : TCM-190RB12CL

SPECIFICATIONS

Recording system	4-track 2-channel stereo
Fast winding time	Approx. 90 sec. (with Sony C-60 cassette)
Bias	AC bias
Heads	Erasing head × 1 (F&F head) Playback/Recording head × 1 (SD head)
Motors	Capstan motor × 1 (DC servo motor) Reel motor × 1 (DC motor)

Signal-to-noise ratio (at peak level and weighted)

Cassette (Dolby NR off)	Type IV	Type II	Type I
	58 dB	57 dB	55 dB

S/N ratio improvement (approximate values)

With Dolby B NR on: 5 dB at 1 kHz; 10 dB at 5 kHz

With Dolby C NR on: 15 dB at 500 Hz; 20 dB at 1 kHz

With Dolby S NR on: 10 dB at 100 Hz; 24 dB at 1 kHz (TC-K461S only)

Harmonic distortion	0.4% (with Type I, 160 nWb/m, 315 Hz, 3rd H.D.) 1.8% (with Type IV, 250 nWb/m, 315 Hz, 3rd H.D.)
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Frequency response (Dolby NR off)

Type IV cassette	30 - 15,000 Hz (±3 dB, IEC) 30 - 13,000 Hz [±3 dB (-4 dB recording)]
Type II cassette	30 - 15,000 Hz (±3 dB, IEC)
Type I cassette	30 - 14,000 Hz (±3 dB, IEC)

Type IV : Sony Type IV (METAL)

Type II : Sony Type II (HIGH)

Type I : Sony Type I (NORMAL)

Wow and flutter	± 0.13% W.PEAK (IEC) 0.07% W.RMS (NAB) ± 0.18% W.PEAK (DIN)
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Inputs

Line inputs (phono jacks)	Sensitivity	0.16 V
	Input impedance	47 k ohms

Outputs

Line outputs (phono jacks)	Rated output level	0.5 V at a load impedance of 47 k ohms
	Load impedance	Over 10 k ohms
Headphones (stereo phone jack)	Output level	1 mW at a load impedance of 32 ohms

— Continued on page 2 —



STEREO CASSETTE DECK
SONY®

General

Power requirements	Canadian model : 120 V AC, 60 Hz AEP, German model : 220 - 230 V AC, 50/60 Hz Australian model : 240 V AC, 50/60 Hz E model : 110 - 120 V or 220 - 240 V AC adjustable, 50/60 Hz
Power consumption	TC-RX361: 20 W TC-K361: 19 W
Dimensions	Approx. 430 × 123 × 310 mm (w/h/d) including projecting parts and controls
Mass	Approx. 3.7 kg

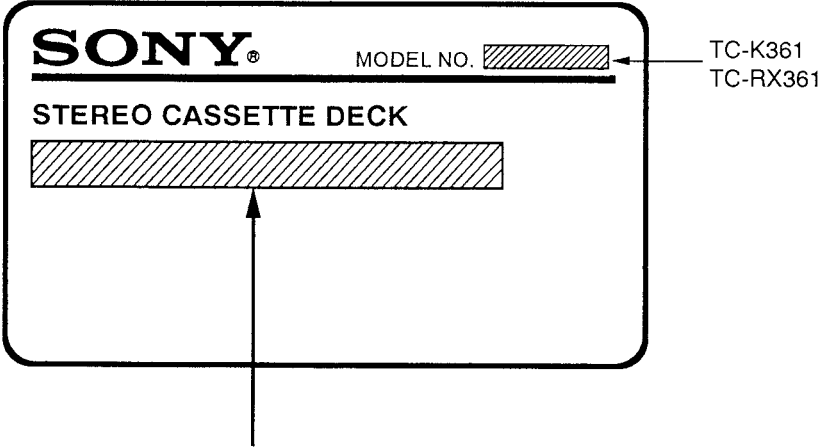
Supplied accessories Audio connecting cords (2)

Design and specifications are subject to change without notice.

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MODEL IDENTIFICATION
(Specification Label)



Canadian model : AC 120V~60Hz
AEP, German model : AC 220-230V~50/60Hz
Australian model : AC 240V~50Hz
E model : AC 110, 120-220, 240V~50/60Hz

SAFETY CHECK-OUT

After correcting the original service problem, perform the following safety check before releasing the set to the customer:
Check the antenna terminals, metal trim, "metallized" knobs, screws, and all other exposed metal parts for AC leakage. Check leakage as described below.

LEAKAGE TEST

The AC leakage from any exposed metal part to earth ground and from all exposed metal parts to any exposed metal part having a return to chassis, must not exceed 0.5 mA (500 microampers). Leakage current can be measured by any one of three methods.

- 1. A commercial leakage tester, such as the Simpson 229 or RCA WT-540A. Follow the manufacturers' instructions to use these instruments.
- 2. A battery-operated AC milliammeter. The Data Precision 245 digital multimeter is suitable for this job.

- 3. Measuring the voltage drop across a resistor by means of a VOM or battery-operated AC voltmeter. The "limit" indication is 0.75 V, so analog meters must have an accurate low-voltage scale. The Simpson 250 and Sanwa SH-63Trd are examples of a passive VOM that is suitable. Nearly all battery operated digital multimeters that have a 2 V AC range are suitable. (See Fig. A)

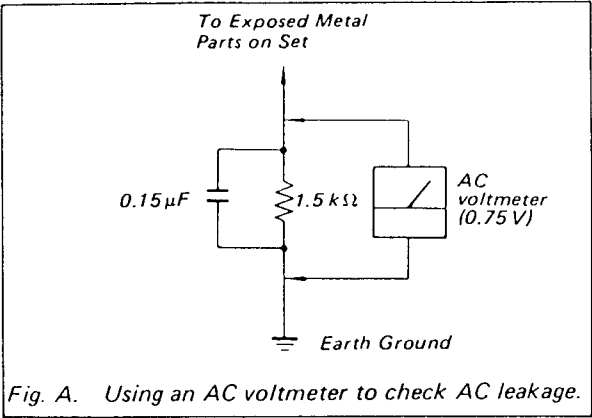


Fig. A. Using an AC voltmeter to check AC leakage.

SAFETY-RELATED COMPONENT WARNING!!
COMPONENTS IDENTIFIED BY MARK OR DOTTED LINE WITH MARK ON THE SCHEMATIC DIAGRAMS AND IN THE PARTS LIST ARE CRITICAL TO SAFE OPERATION. REPLACE THESE COMPONENTS WITH SONY PARTS WHOSE PART NUMBERS APPEAR AS SHOWN IN THIS MANUAL OR IN SUPPLEMENTS PUBLISHED BY SONY.

ATTENTION AU COMPOSANT AYANT RAPPORT À LA SÉCURITÉ!
LES COMPOSANTS IDENTIFIÉS PAR UNE MARQUE SUR LES DIAGRAMMES SCHÉMATIQUES ET LA LISTE DES PIÈCES SONT CRITIQUES POUR LA SÉCURITÉ DE FONCTIONNEMENT. NE REMPLACER CES COMPOSANTS QUE PAR DES PIÈCES SONY DONT LES NUMÉROS SONT DONNÉS DANS CE MANUEL OU DANS LES SUPPLÉMENTS PUBLIÉS PAR SONY.

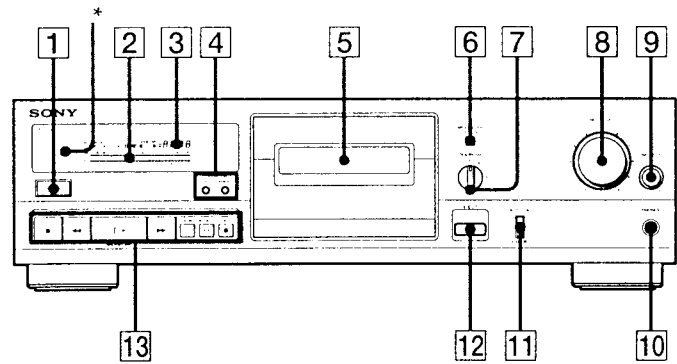
SECTION 1
GENERAL

This section is extracted from instruction manual.

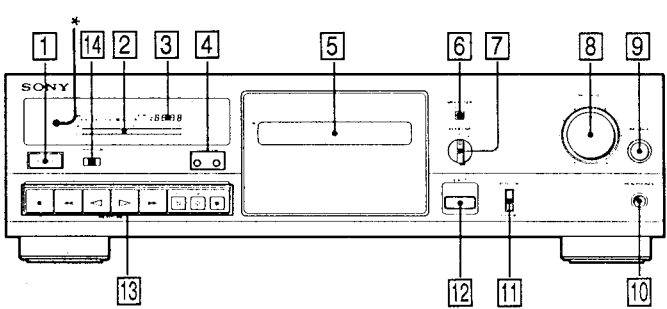
Identifying the
Parts on the Front
Panel

For details, refer to the page number(s) indicated in parentheses.

TC-K361 :



TC-RX361 :



- 1 POWER switch
- 2 Peak level meters
- 3 Digital counter
- 4 COUNTER buttons
 - RESET button
 - MEMORY button
- 5 Cassette holder
- 6 MPX FILTER button
- 7 DOLBY NR (noise reduction) switch
- 8 REC (recording) LEVEL control
- 9 BALANCE control
- 10 PHONES jack (stereo phone jack)
- 11 AUTO CAL button
- 12 (EJECT) button
- 13 Tape operation buttons
 - (stop) button
 - (rewind) (Multi-AMS**) button
 - (forward paly) button
 - (reverse play) button (TC-RX361)
 - (fast-forward) (Multi-AMS**) button
 - PAUSE button
 - REC MUTE (record muting) button
 - REC (recording) button
- 14 DIRECTION mode switch (TC-RX361)

*Remote control sensor
You can remotely control this cassette deck with:
— A remote commander that came with a Sony amplifier or receiver if it has the mark and cassette deck control capability.
— An optional Sony remote commander with the mark and cassette deck control capability.

**AMS is an abbreviation for Automatic Music Sensor.

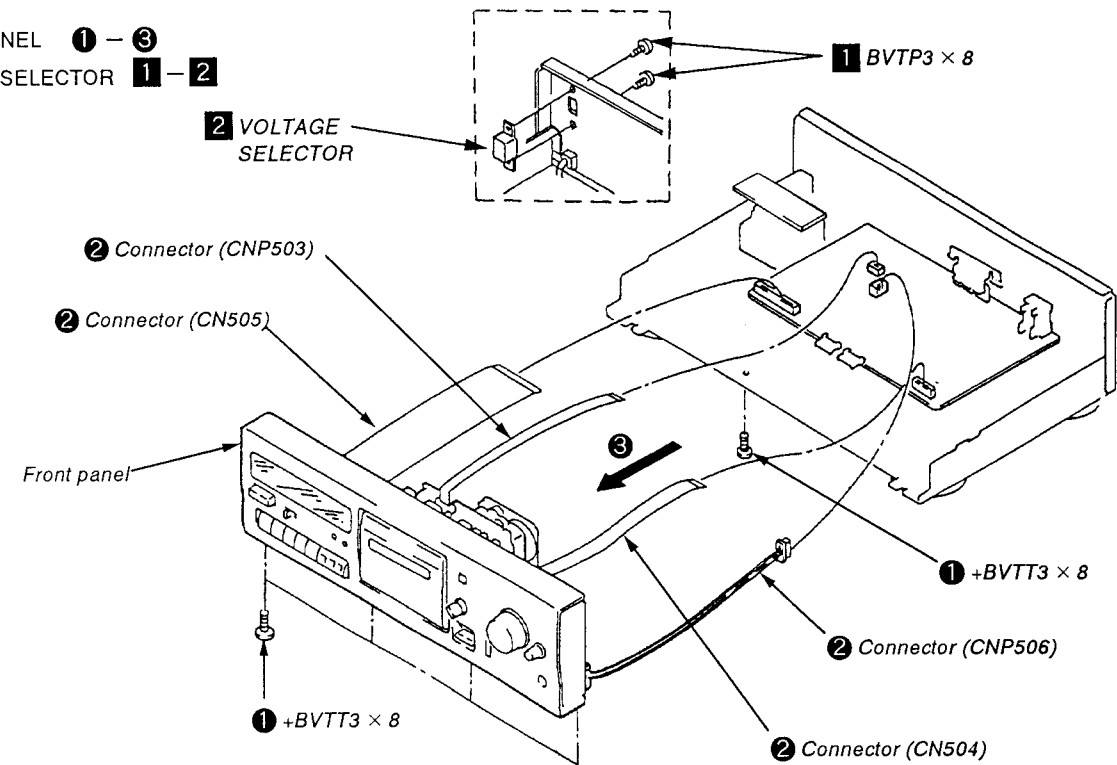
SECTION 2 DISASSEMBLY

Note : Follow the disassembly procedure in the numerical order given.

CASE
Unscrew the four case attachment screws M3×8 and remove the case.

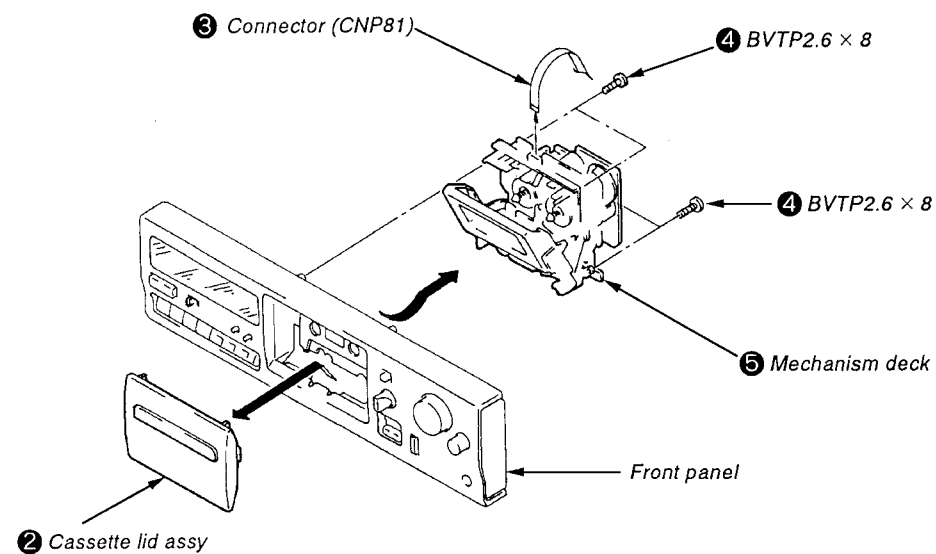
2-1. FRONT PANEL

FRONT PANEL ①-③
VOLTAGE SELECTOR ①-②



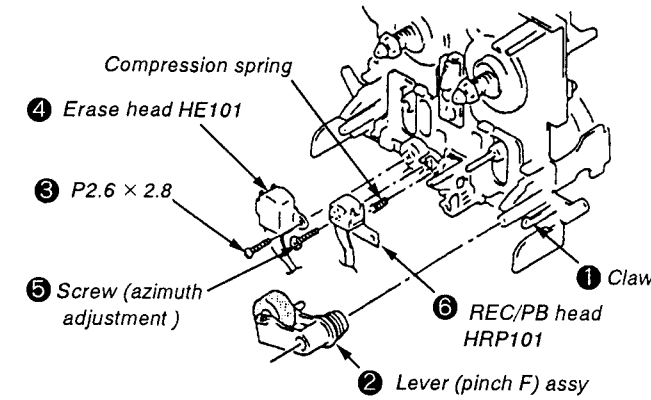
2-2. MECHANISM DECK

① Press the eject button.

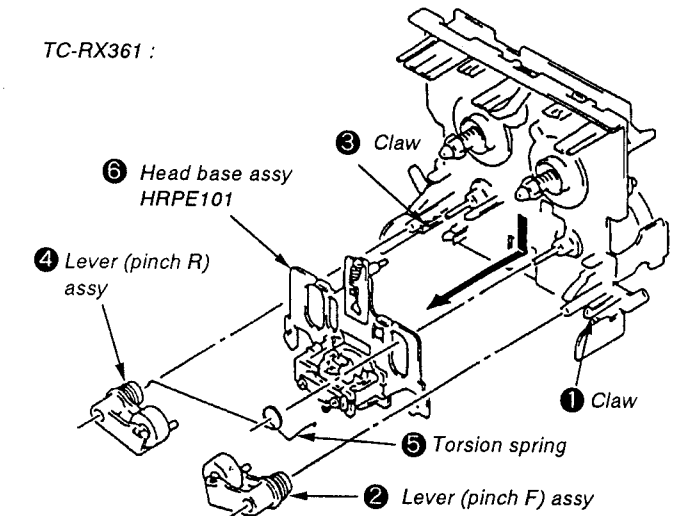


2-3. HEAD

TC-K361 :

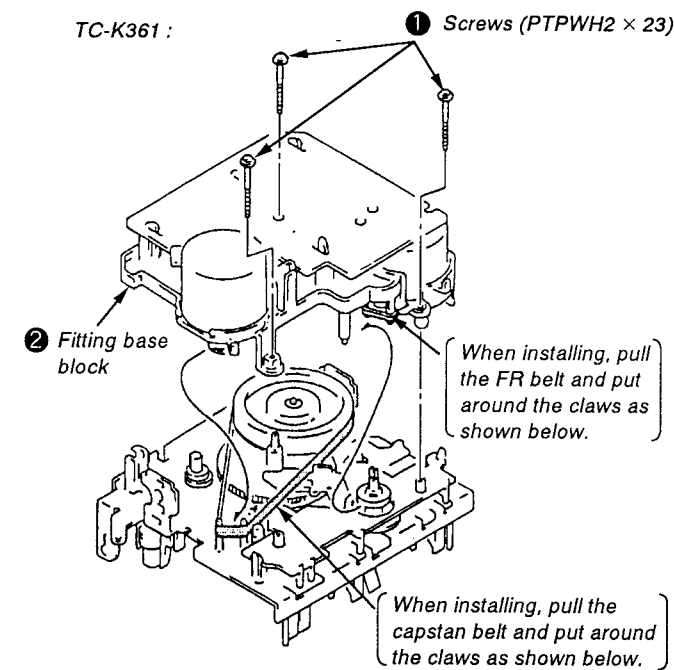


TC-RX361 :

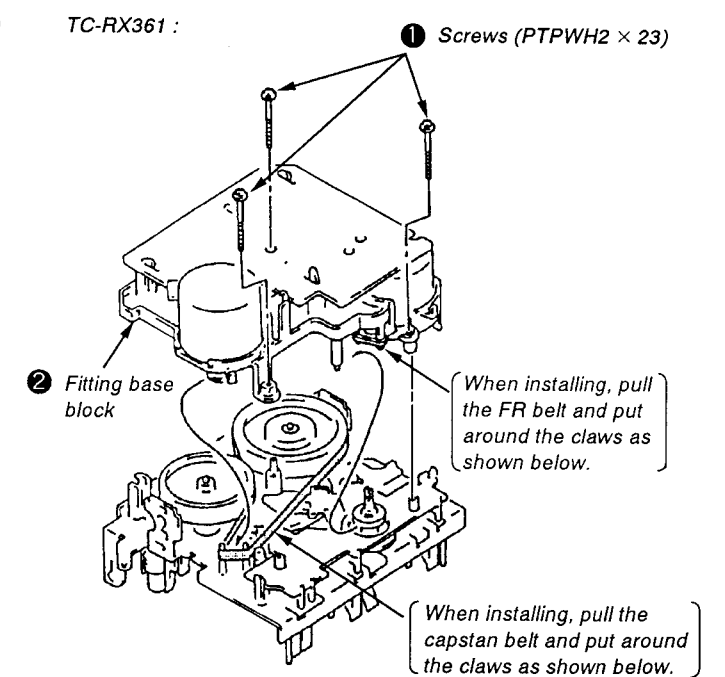


2-4. FITTING BASE BLOCK

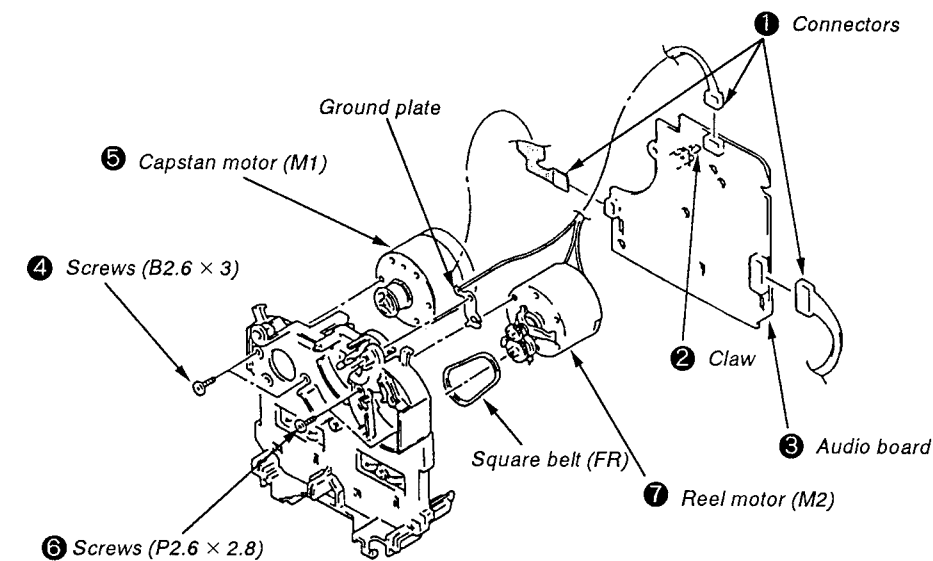
TC-K361 :



TC-RX361 :



2-5. MOTOR



SECTION 3 EXPLANATION OF IC TERMINALS

IC801 CXP82316-014Q

Pin No.	Pin name	I/O	Description
1	STOP SW	I	Mechanism stop switch input terminal.
2	SIRCS	I	SIRCS signal in terminal.
3	NC	—	Not used. (OPEN)
4	NC	—	Not used. (High level)
5	NC	—	Not used. (High level)
6	MPX KEY	I	MPX Key ON/OFF switch input terminal. OFF = 0V
7	MPX ON/ $\overline{\text{OFF}}$	O	MPX Filter ON/OFF control terminal. OFF = L
8	CAL ON/ $\overline{\text{OFF}}$	O	Calibration ON/OFF control terminal.
9	REC CAL0	I	REC calibration terminal.
10	REC CAL1	I	REC calibration terminal.
11	GP CAL0	I	GP calibration terminal.
12	GP CAL1	I	GP calibration terminal.
13	NC	—	Not used. (High level)
14	LINE MUTE	O	Line mute ON/OFF. 0V =Mute
15	$\overline{\text{REC/PB}}$	O	Recording/Playback selector for dolby IC select.
16	REC MUTE	O	REC out mute terminal.
17	REEL —	O	Reel motor — control terminal.
18	REEL +	O	Reel motor + control terminal.
19	BIAS	O	Bias ON/OFF.
20	$\overline{\text{RELAY}}$	O	Relay selector, terminal
21	CAL KEY	I	Calibration ON/OFF switch input terminal. ON = 0V
22	KEY X	I	Key switch input terminal.
23	KEY Y	I	Key switch input terminal.
24	METER L	I	Meter level Lch.
25	METER R	I	Meter level Rch.
26	DOLBY (AD)	I	Dolby OFF/B/C select terminal.
27	HALF	I	Half pawl input terminal.
28	AMS IN	I	AMS signal input terminal.
29	S • REEL	I	Suplly pulse input terminal.
30	RESET	I	Reset terminal. Reset = 0V
31	XO	O	System clock output terminal.
32	XI	I	System clock input terminal.
33	GND	—	Power supply (GND)
34	BIAS CAL0	O	Bias calibration terminal.
35	BIAS CAL1	O	Bias calibration terminal.
36	BIAS CAL2	O	Bias calibration terminal.
37	BIAS CAL3	O	Bias calibration terminal.
38	CAP • M ON/ $\overline{\text{OFF}}$	O	Capstan motor. ON/OFF control.
39	NC	—	Not used. (OPEN)
40	OSC $\overline{\text{ON/OFF}}$	O	OSC ON/OFF control.

Pin No.	Pin name	I/O	Description
41	OSC \overline{H}/L	O	OSC H/L control.
42	NC	—	Not used. (OPEN)
43	NC	—	Not used. (OPEN)
44	NC	—	Not used. (OPEN)
45	NC	—	Not used. (OPEN)
46	S1	O	FL Segment.
47	S2	O	FL Segment.
48	S3	O	FL Segment.
49	S4	O	FL Segment.
50	S5	O	FL Segment.
51	S6	O	FL Segment.
52	S7	O	FL Segment.
53	S8	O	FL Segment.
54	S9	O	FL Segment.
55	S10	O	FL Segment.
56	S11	O	FL Segment.
57	S12	O	FL Segment.
58	S13	O	FL Segment.
59	S14	O	FL Segment.
60	S15	O	FL Segment.
61	S16	O	FL Segment.
62	S18	O	FL Segment.
63	NC	—	Not used. (OPEN)
64	NC	—	Not used. (OPEN)
65	NC	—	Not used. (OPEN)
66	G5	O	FL Grid.
67	G4	O	FL Grid.
68	G3	O	FL Grid.
69	G2	O	FL Grid.
70	G1	O	FL Grid.
71	V-DISP	—	VFD Display power. (— 20V)
72	V _{DD}	—	Power supply (+5V)
73	V _{DD}	—	Power supply (+5V)
74	METAL	I	Metal tape selector terminal. “H” : Metal
75	CHROM	I	CrO ₂ tape select terminal. “H” : CrO ₂
76	POWER IN	I	0V = Power OFF
77	POWER OUT	O	Power ON/OFF. ON = 0V
78	NC	—	Not used. (OPEN)
79	TEST MODE	I	Test mode selector. 5V = Normal, 0V = Test mode
80	VERSION	I	Version selector. “H” : Reverse “L” : 1 way

SECTION 4 ADJUSTMENTS

4-1. MECHANICAL ADJUSTMENTS

PRECAUTION

- Clean the following parts with a denatured alcohol-moistened swab:

record/playback/erase head	pinch roller
rubber belts	capstan
idlers	
- Demagnetize the record/playback head with a head demagnetizer. (Head demagnetizer do not approach for the erase head.)
- Do not use a magnetized screwdriver for the adjustment.
- After the adjustments, apply suitable locking compound to the parts adjusted.
- The adjustments should be performed with the rated power supply voltage unless otherwise noted.

Torque Measurement

Mode	Torque meter	Meter reading
Forward	CQ-102C	30 to 65g•cm (0.42 to 0.9 oz•inch)
Forward back tension	CQ-102C	1 to 6g•cm (0.014 to 0.08 oz•inch)
Reverse (TC-RX361 only)	CQ-102RC	30 to 65g•cm (0.42 to 0.9 oz•inch)
Reverse back tension (TC-RX361 only)	CQ-102RC	1 to 6g•cm (0.014 to 0.08 oz•inch)
FF/REW	CQ-201B	70 to 120g•cm (0.98 to 1.67 oz•inch)

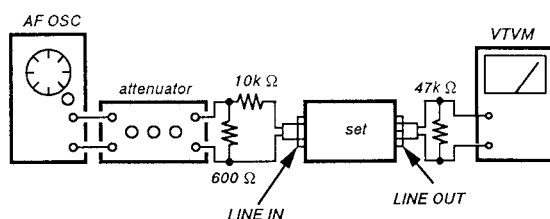
4-2. ELECTRICAL ADJUSTMENTS

PRECAUTION

- The adjustment should be performed in the publication.
(Be sure to make playback adjustment at first.)
- The adjustments and measurement should be performed for both L-CH and R-CH.
 - Switch position

DOLBY NR switch	: OFF
DIR MODE switch	: \rightleftharpoons (TC-RX361 only)
 - Standard record position:
Deliver the standard input signal level to input jack and set the REC LEVEL control to obtain the standard output signal level as follows.

— Record Mode —



Standard Input Level

Input terminal	LINE IN
source impedance	10k Ω
input signal level	0.5V (- 3.8dB)

Standard Output Level

Output terminal	LINE OUT
load impedance	47k Ω
output signal level	0.5V (- 3.8dB)

Test Tape

Tape	Contents	Use
P-4-A100	10kHz, - 10dB	Azimuth Adjustment
P-4-L300	315Hz, 0dB	PB Level Adjustment
WS-48B	3kHz, 0dB	Tape Speed Adjustment

$$0\text{dB} = 0.775\text{V}$$

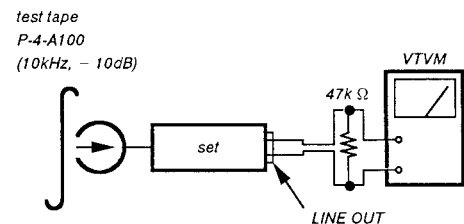
Test Mode

- Insert a short-circuit plug into TP801 (2P) and turn ON the power switch. (Earth pin ⑨ of IC801 and turn ON the power switch.)
At first, all the fluorescent tubes light up, then the system returns to normal display. (However, "0000" is not displayed on the counter.)
- To release the test mode, remove the short plug and turn off the power switch.
- Remove the short plug after completion of adjustment.

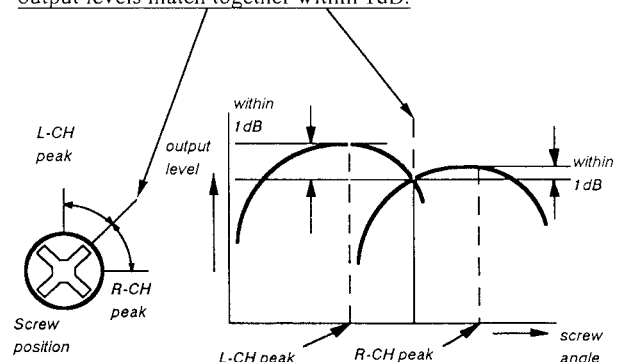
Record/Playback Head Azimuth Adjustment

Procedure :

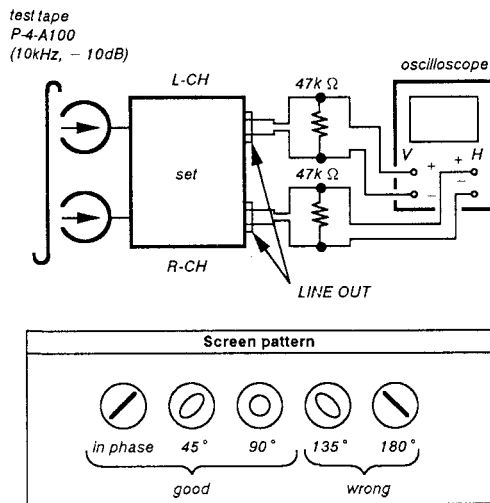
- Forward playback Mode



- Turn the adjustment screw for the maximum output levels. If these levels do not match, turn the adjustment screw until both of output levels match together within 1dB.

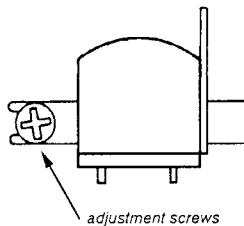


3. Playback Mode

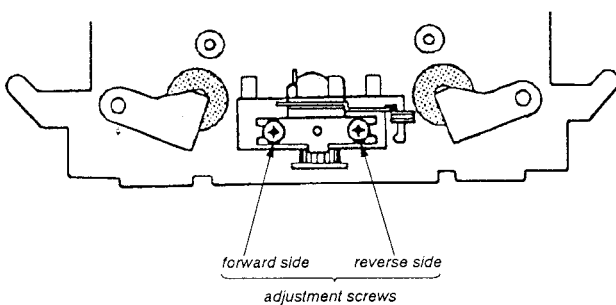


4. Change the reverse playback mode and repeat the steps 1 to 3. (TC-RX361 only)
5. After the adjustment, lock the adjustment screws with suitable locking compound.

Adjustment Location : — record/playback head —
TC-K361 :



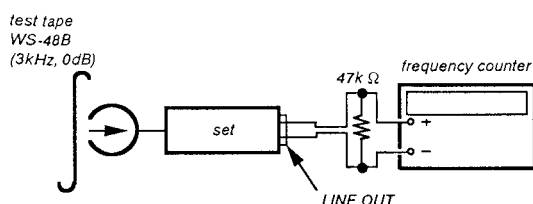
TC-RX361 :



Tape Speed Adjustment

Procedure :

— Forward Playback Mode —



1. Set to FWD playback mode.

2. Adjust RV71 and RV72 so that the frequency counter reading becomes $3,000 \pm 10\text{Hz}$.

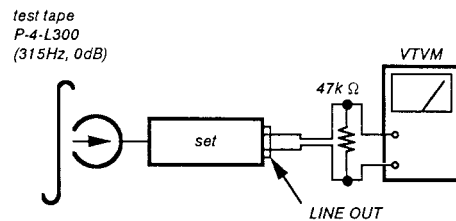
Frequency difference between the beginning and the end of the tape should be within 3%.

Adjustment Location : AUDIO board. (Page 11)

Playback Level Adjustment

Procedure :

— Forward Playback Mode —



Adjust RV11(L-CH) and RV21(R-CH) so the VTVM reading becomes the adjustment limits below.

Adjustment Value :

LINE OUT level : — $7.7 \pm 0.5\text{dB}$ (0.301 to 0.338V)

Level difference between channels : within 0.5dB

Confirm the LINE OUT level does not change in playback mode while changing the mode from playback to stop several times

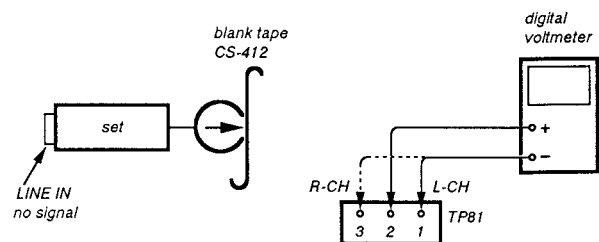
Adjustment Location : AUDIO board. (Page 11)

Bias Consumption Current Adjustment

This adjustment should be performed when replacing the head assy or the bias oscillating transformer (T81, T91).

Procedure :

() : R-CH



1. Connect the digital voltmeter to test point TP81.

2. Set RV81 (RV91) to mechanical center.

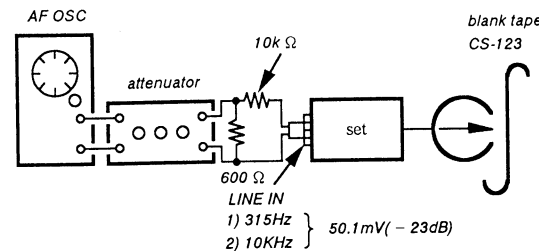
3. Set to FWD record mode.

4. Adjust T81 (T91) so that the digital voltmeter reading becomes minimum.

Adjustment Location : AUDIO board. (Page 11)

Setting :
REC LEVEL control : standard record position (Refer to page 9.)

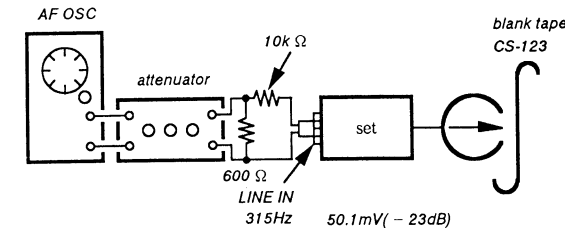
1. Record Mode



Adjustment Location : AUDIO board

Setting :
REC LEVEL control : standard record position (Refer to page 9.)

1. Record Mode



Adjustment Value :
LINE OUT level : $-23.8 \pm 0.5\text{dB}$ (47.2 to 53mV)

– Adjustment Parts Location Diagrams –

Bias Consumption Current

Record Bias

(R) RV91
(L) RV81

RV72 : Tape speed
RV71 : Tape speed

T81 (L) } Bias Consumption Current
T91 (R) }

RV21 (R) } Playback Level
RV11 (L) }

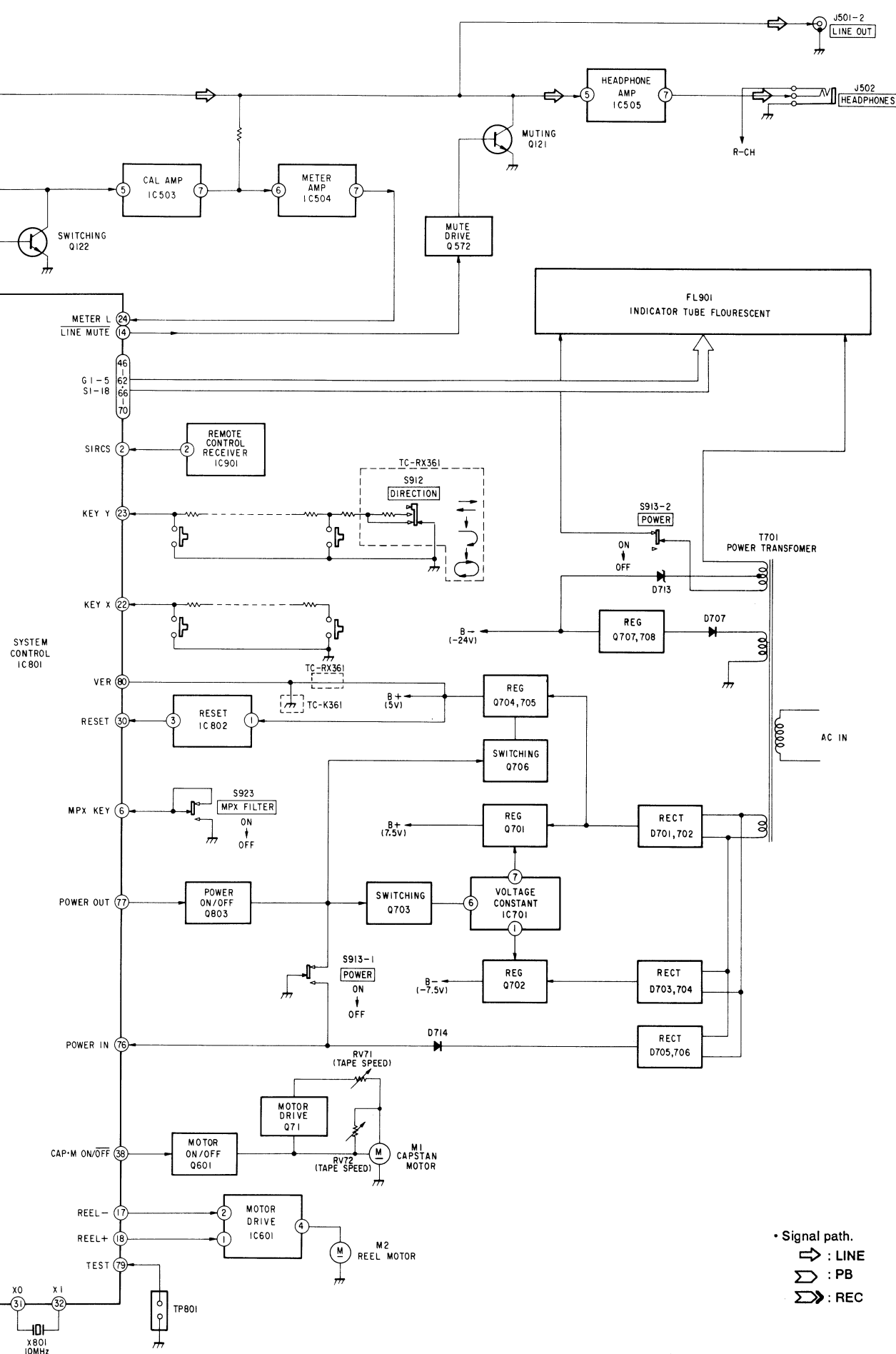
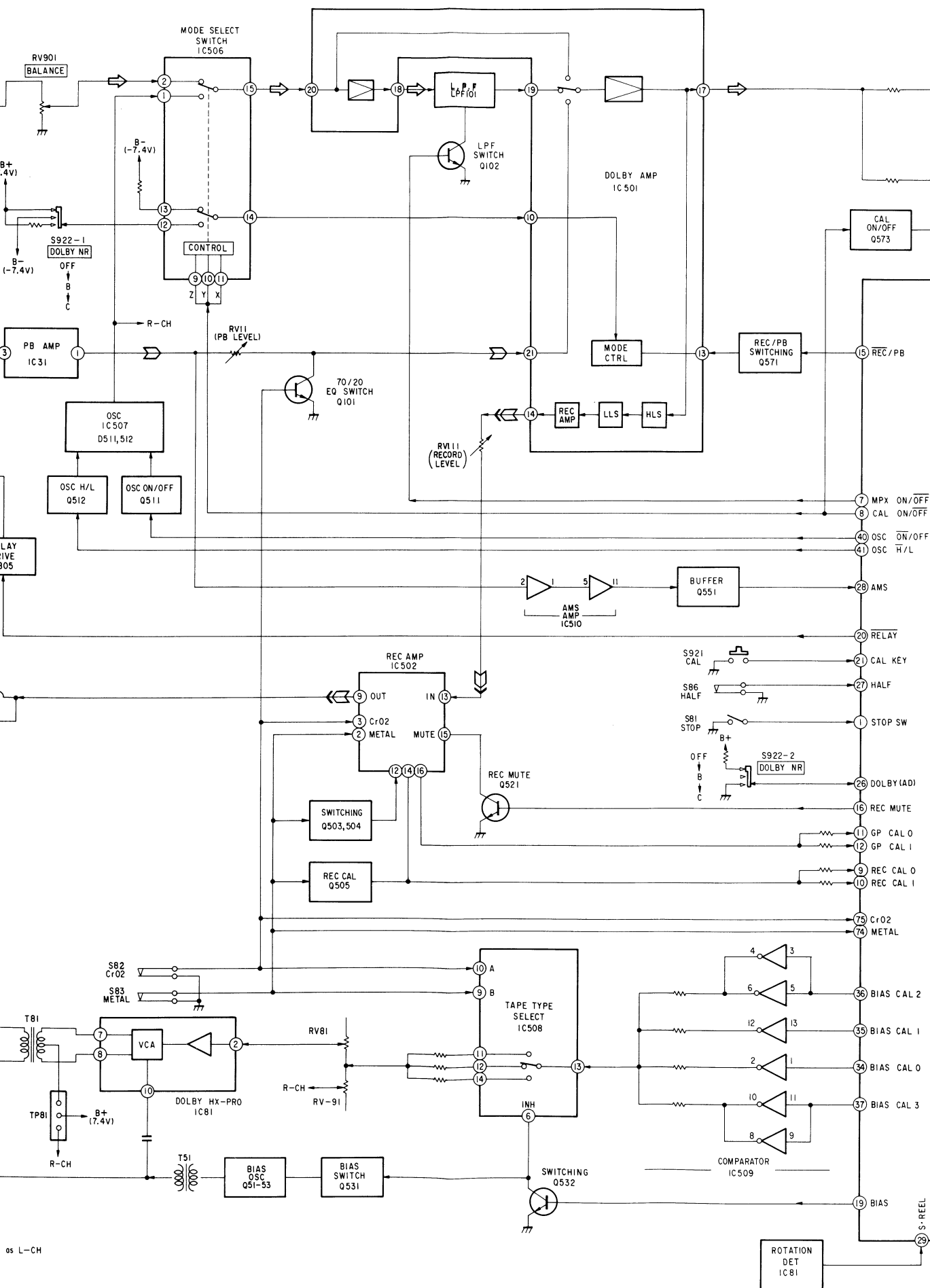
The schematic diagram illustrates the internal circuitry of a cassette deck, organized into several functional sections:

- Input Section:** The signal enters via J501-1 (LINE IN), passes through a BUFFER IC511, a REC LEVEL RV902, and a BALANCE RV901. It then splits into two paths: one for recording (B+, B- at 7.4V) and one for playback (B-, -7.4V).
- Recording Path:** The recording signal is processed by a MODE SELECT SWITCH IC506, which routes it through a series of transistors (Q101, Q102) and a low-pass filter (LPF101) to the recording head (HRPE101-1).
- Playback Path:** The playback signal is received from the playback head (HRPE101-2) and passes through a PB AMP IC31. It then splits into two paths: one for the main audio output (R-CH) and one for the recording head (B+, B- at 7.4V).
- Control and Timing Section:** This section includes an OSC IC507 (5511, 512) which generates the clock signal for the recording and playback heads. It also includes an OSC H/L Q512 and an OSC ON/OFF Q511, which control the recording and playback heads respectively. A RELAY DRIVE Q805 is used to control the recording head.
- Recording Control Section:** This section includes a REC AMP IC502, a REC MUTE Q521, a SWITCHING Q503,504, and a REC CAL Q505. It also includes a TAPE TYPE SELECT IC508 and a BIAS OSC Q51-53.
- Output Section:** The final output signal is sent to the output jack (J501-2) via a BIAS SWITCH Q531 and a BIAS OSC Q51-53.

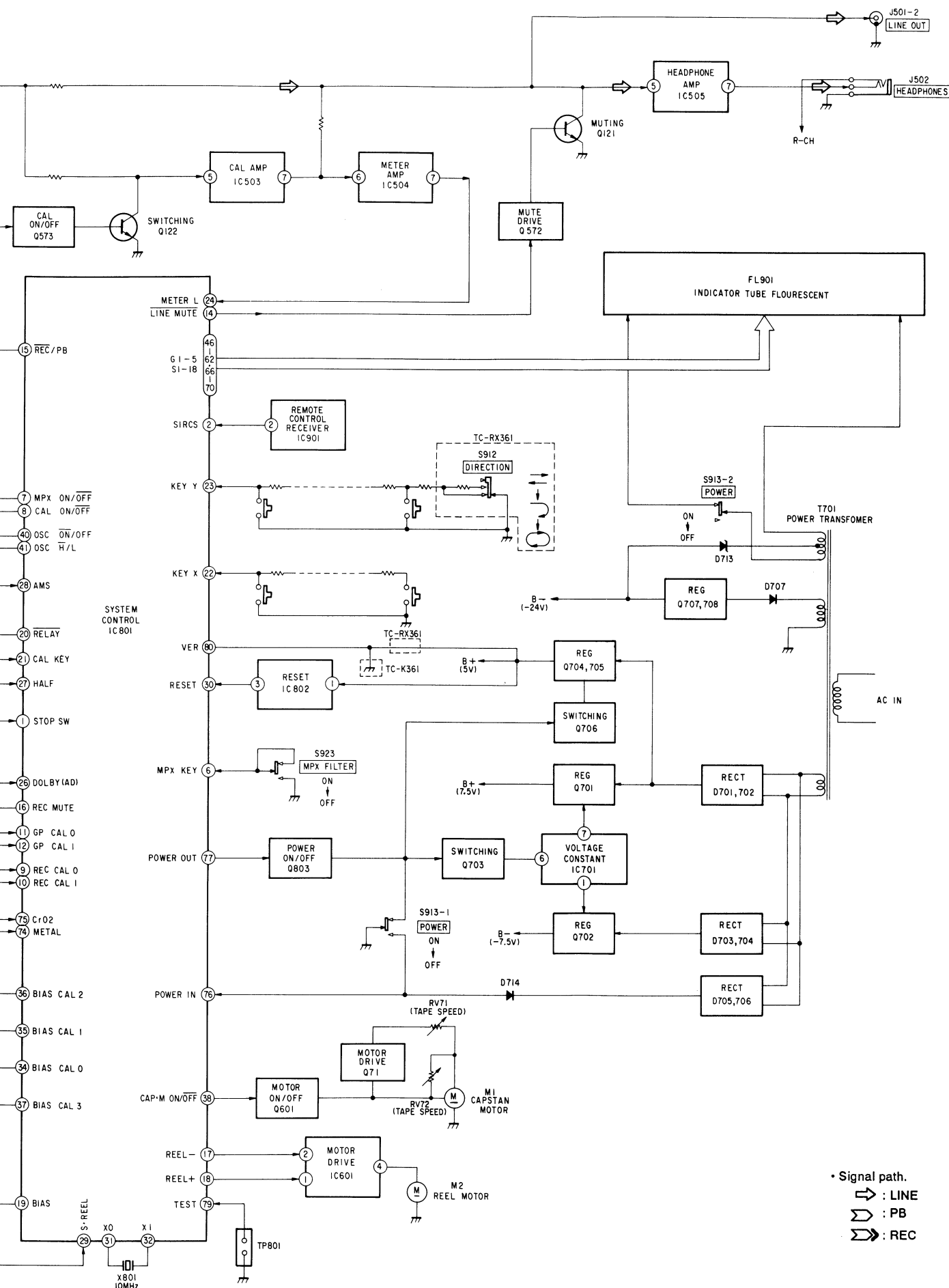
The diagram uses standard electronic symbols for components like resistors, capacitors, transistors, and integrated circuits. It also includes various control points like B+, B-, R-CH, and R-CH, and a control section with Z, Y, X, and B inputs.

R-CH TS Omitted: Same as L-CH

02

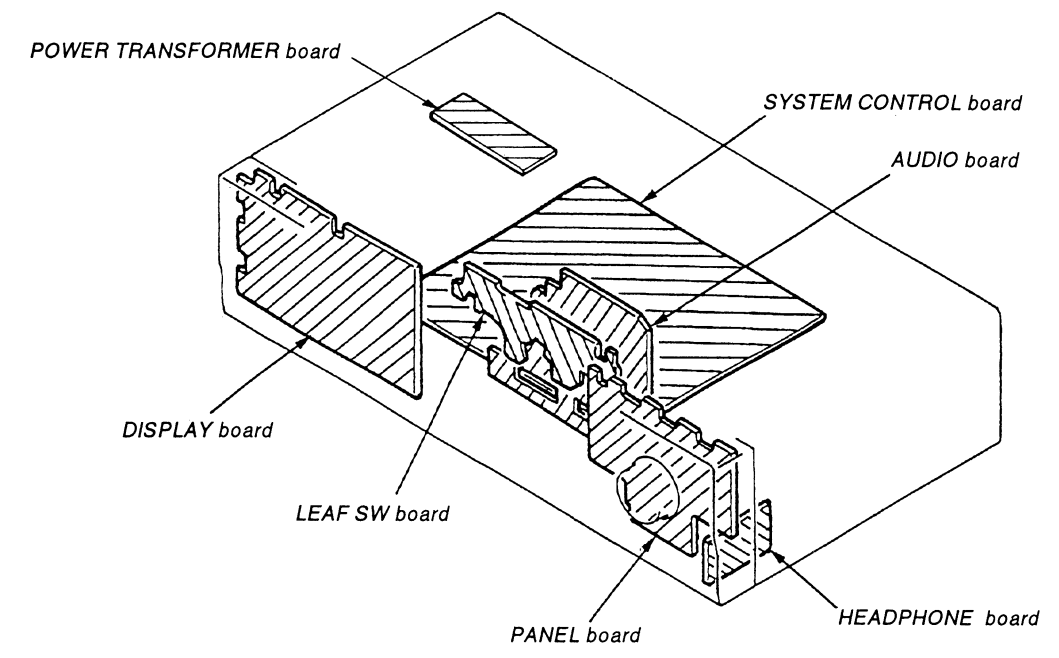


• Signal path.
 ➡ : LINE
 ⇄ : PB
 ⇄ : REC



• Signal path.
⇒ : LINE
⇒ : PB
⇒ : REC

5-2. CIRCUIT BOARDS LOCATION

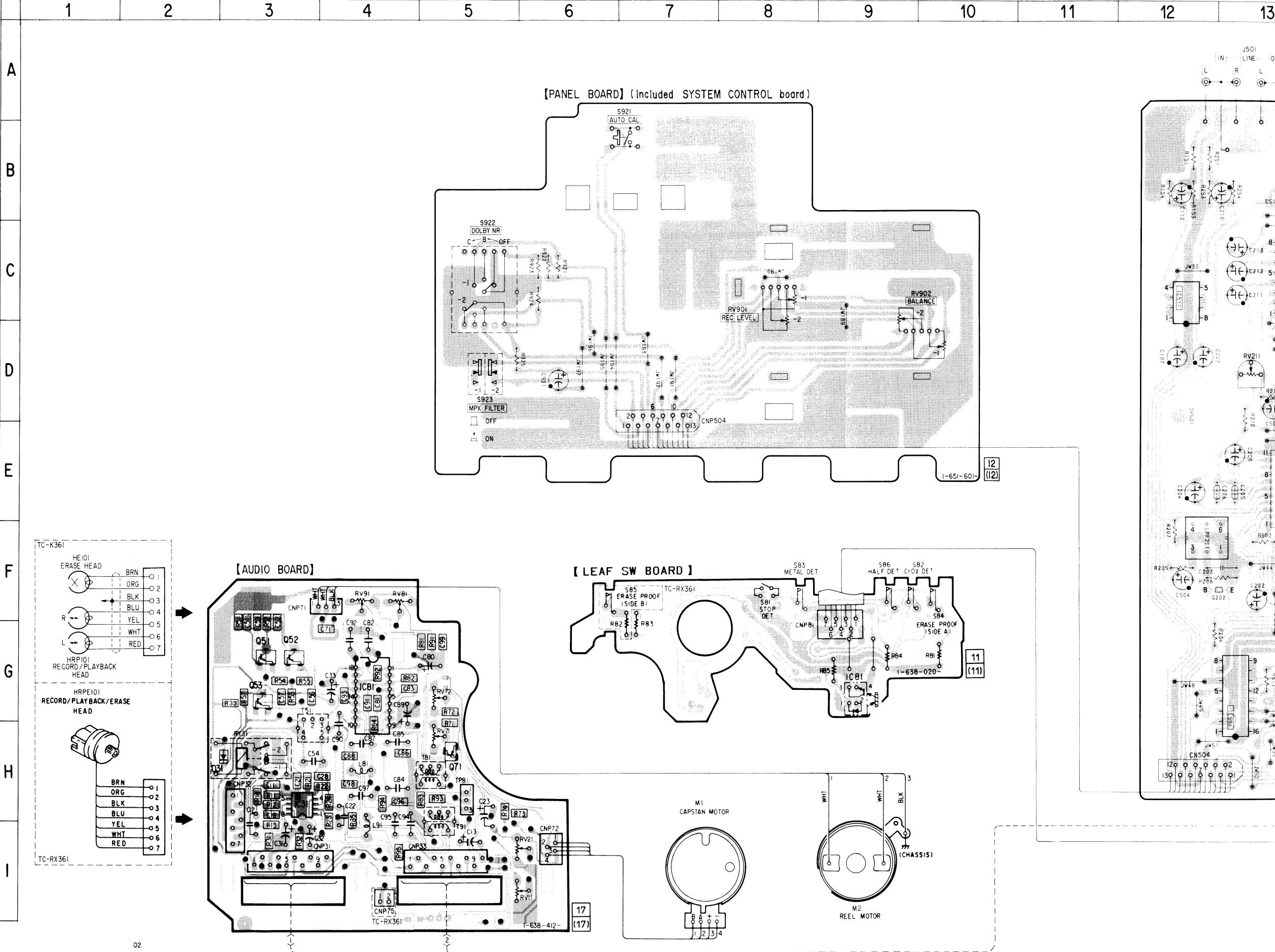


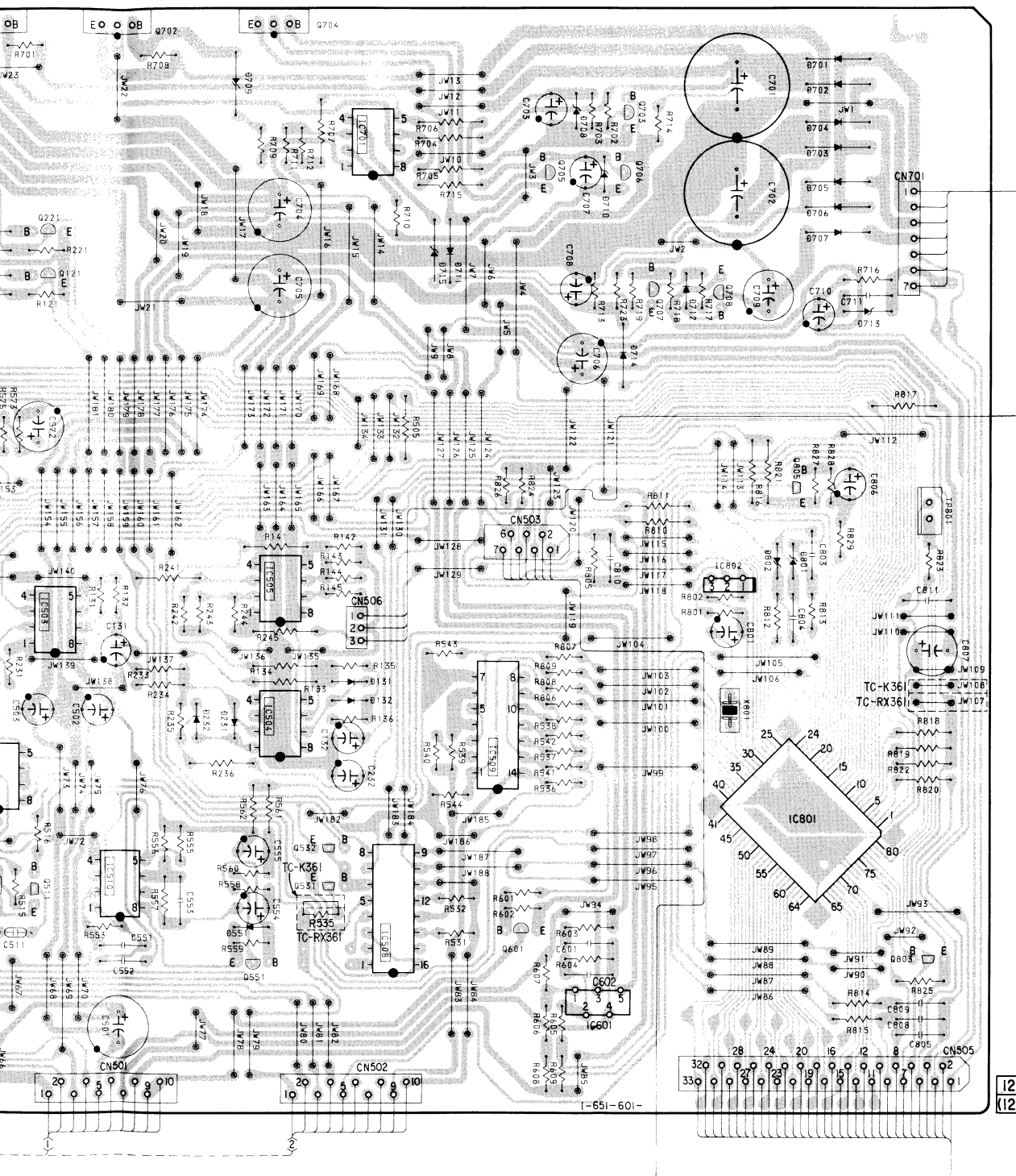
5-3. PRINTED WIRING BOARDS (SYSTEM CONTROL SECTION)

● SEMICONDUCTOR LOCATION

Ref. No.	Location	Ref. No.	Location
D31	H - 3	IC701	B - 18
D131	F - 18	IC801	F - 20
D132	F - 18	IC802	E - 20
D231	F - 17	IC901	G - 23
D232	F - 17		
D511	G - 15	Q51	G - 3
D512	G - 15	Q52	G - 3
D551	G - 17	Q53	G - 3
D571	D - 15	Q71	H - 5
D701	B - 21	Q101	H - 14
D702	B - 21	Q102	F - 14
D703	B - 21	Q121	C - 16
D704	B - 21	Q122	E - 15
D705	B - 21	Q201	H - 14
D706	C - 21	Q202	F - 13
D707	C - 21	Q221	C - 16
D708	B - 19	Q222	E - 15
D709	A - 17	Q503	B - 15
D710	B - 19	Q504	B - 14
D711	C - 18	Q505	C - 14
D712	C - 20	Q511	G - 15
D713	C - 21	Q512	G - 15
D714	C - 19	D521	C - 14
D715	C - 18	Q531	G - 17
D801	E - 20	Q532	G - 17
D802	E - 20	Q551	G - 17
		Q571	D - 14
		Q572	D - 15
		Q573	E - 15
IC31	H - 3	Q601	G - 19
IC81	G - 4		
(AUDIO)			
IC81	G - 9	Q701	A - 15
(LEAF SW)		Q702	A - 16
IC501	E - 13	Q703	B - 19
IC502	C - 13	Q704	A - 17
		Q705	B - 19
IC503	E - 16	Q706	B - 19
IC504	F - 17	Q707	C - 19
IC505	E - 17	Q708	C - 20
IC506	G - 13	Q803	G - 21
IC507	F - 15	Q805	D - 20
IC508	G - 18		
IC509	F - 18		
IC510	G - 16		
IC511	C - 12		
IC601	H - 19		

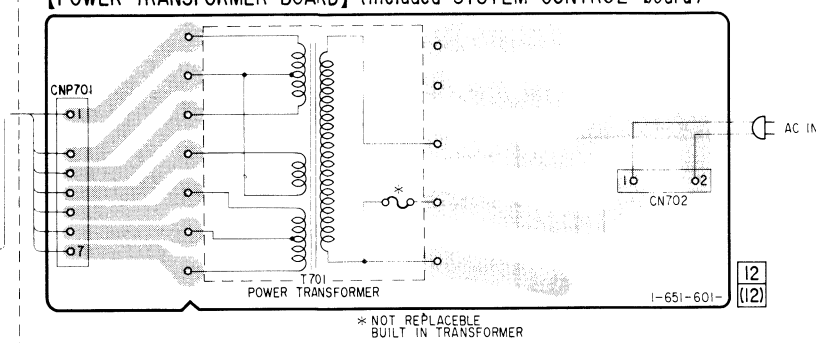
- Note:
- : parts extracted from the component side.
 - : parts mounted on the conductor side.
 - : Through hole.
 - ▨ : Pattern on the side which is seen.
 - ▩ : Pattern of the rear side.





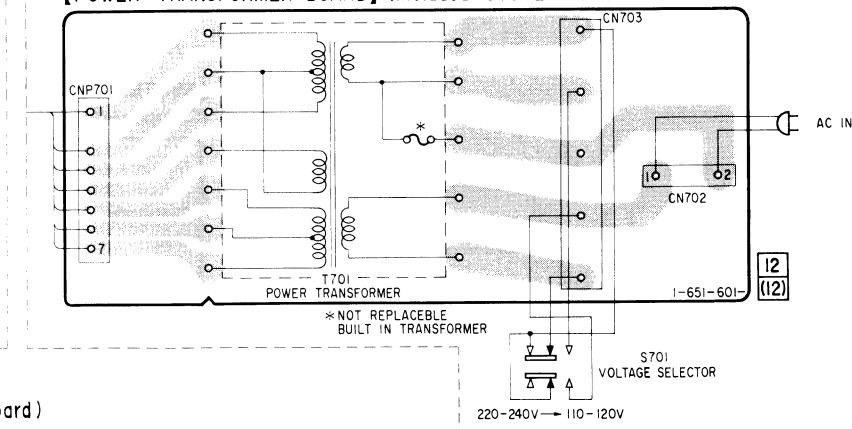
EXCEPT E MODEL

[POWER TRANSFORMER BOARD] (Included SYSTEM CONTROL board)

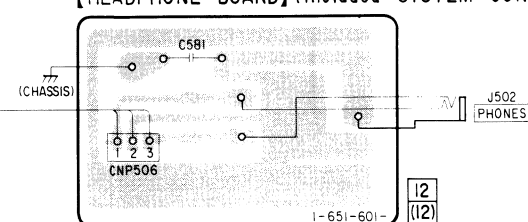


E MODEL

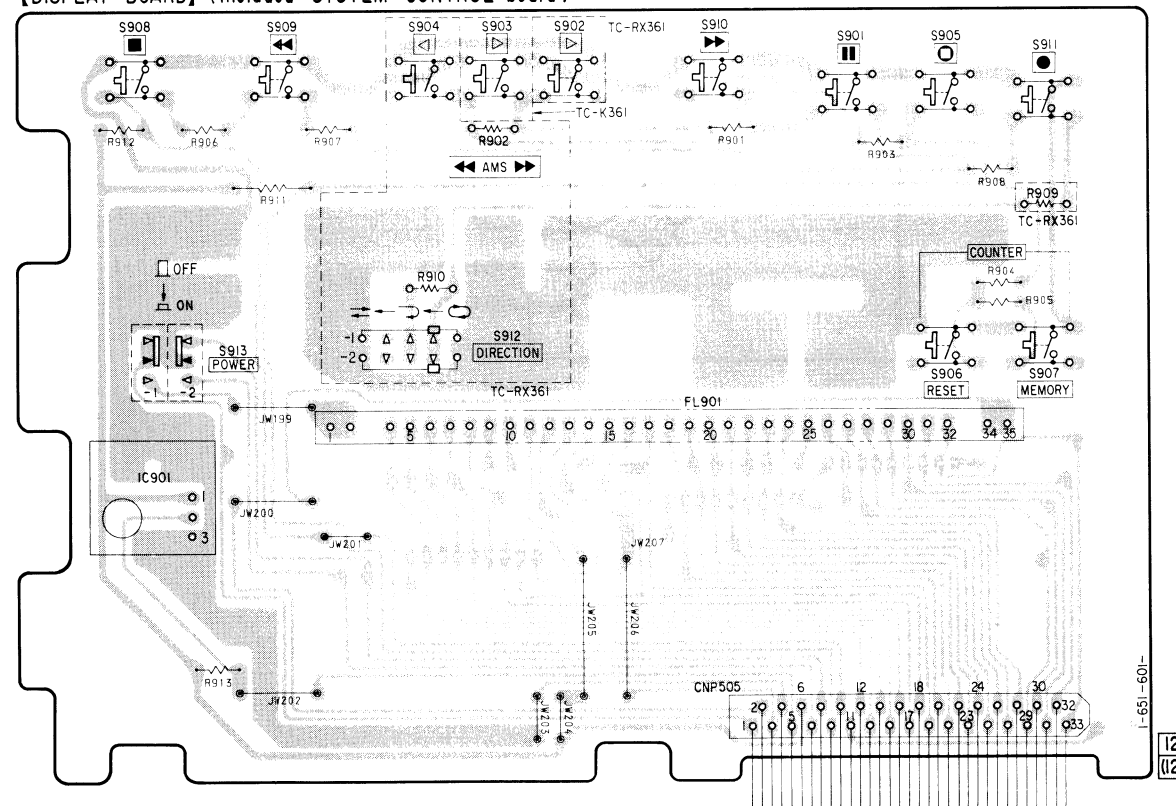
[POWER TRANSFORMER BOARD] (Included SYSTEM CONTROL board)



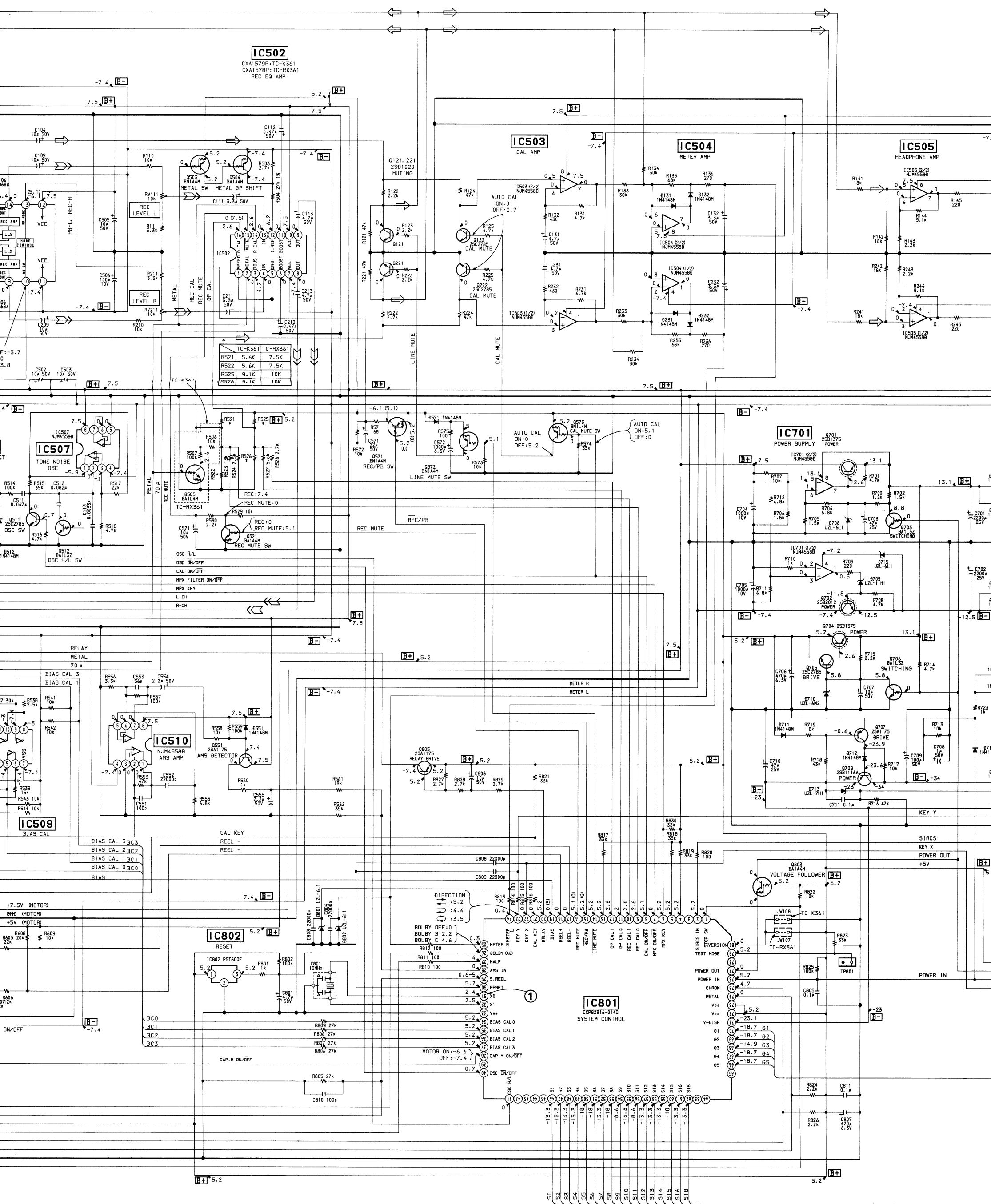
[HEADPHONE BOARD] (Included SYSTEM CONTROL board)

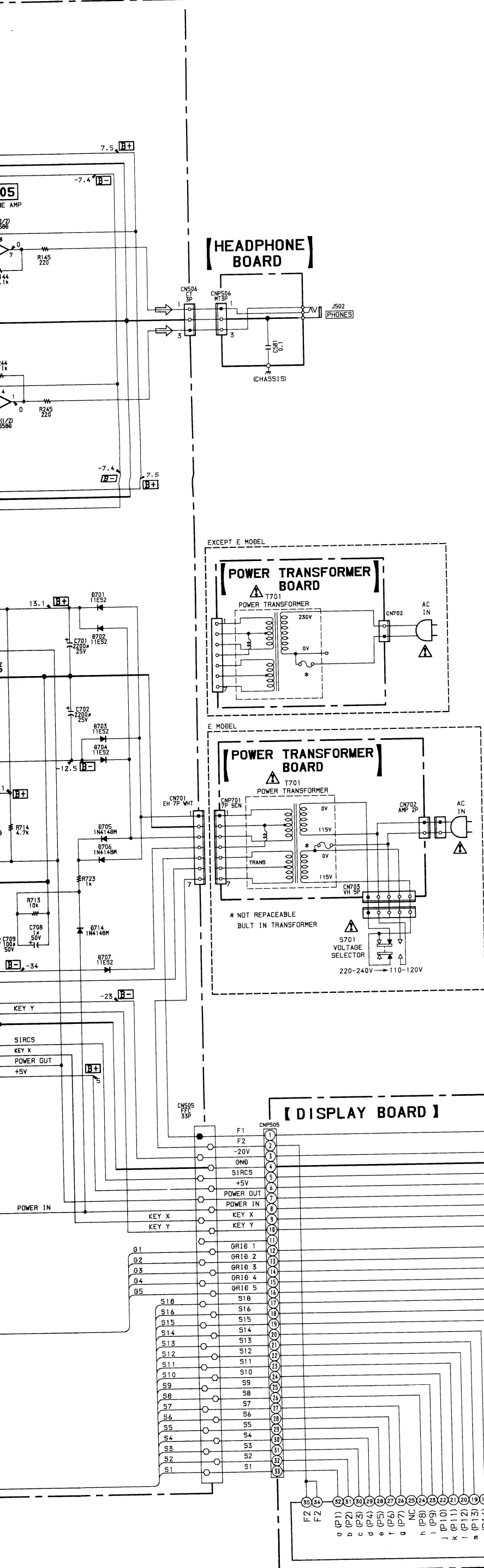


[DISPLAY BOARD] (Included SYSTEM CONTROL board)

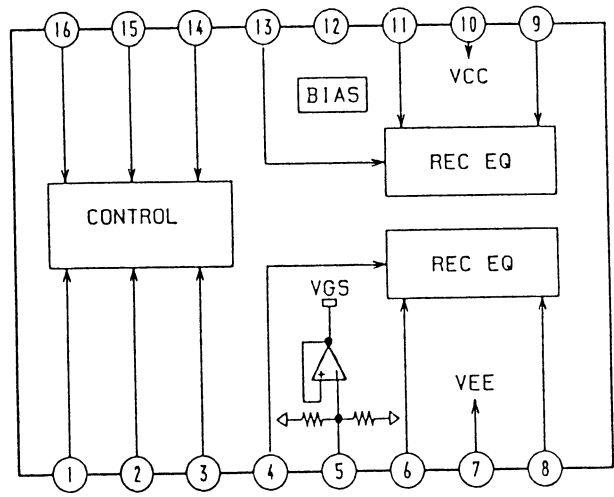






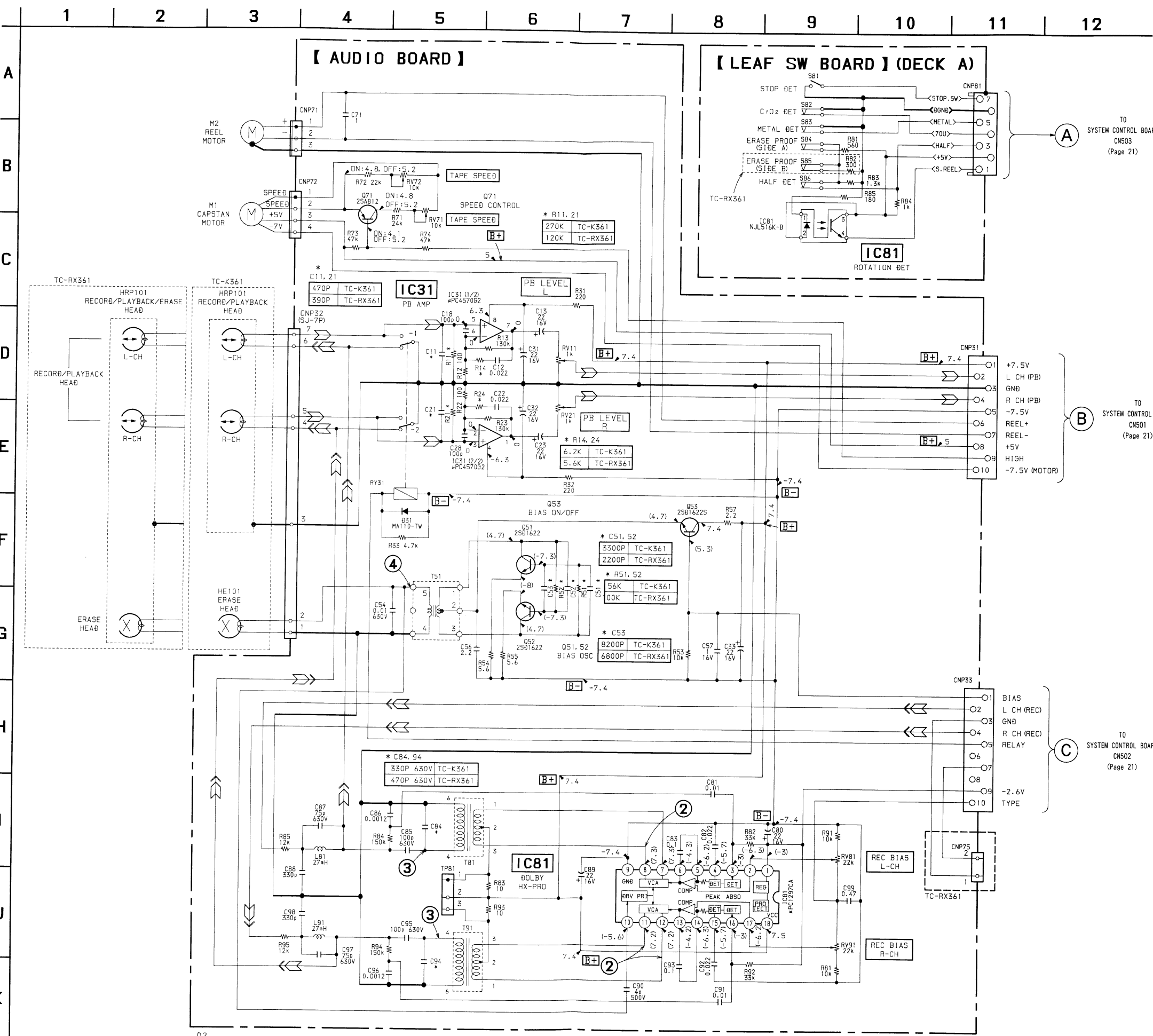


● IC BLOCK DIAGRAMS
IC502 CXA1578P

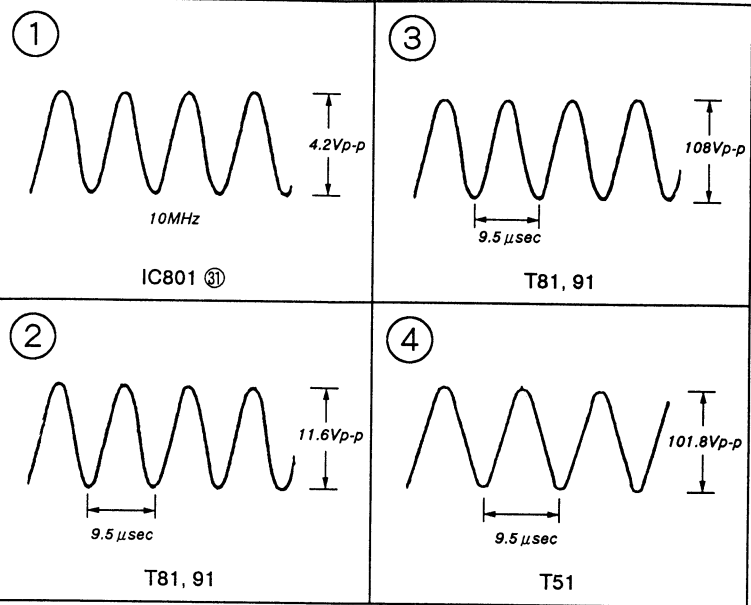


- Note :**
- All capacitors are in μF unless otherwise noted. pF : μF 50WV or less are not indicated except for electrolytics and tantalums.
 - All resistors are in Ω and $\frac{1}{4}W$ or less unless otherwise specified.
 - % : indicates tolerance.
 - Δ : internal component.
 - : fusible resistor.
- Note :**
The components identified by mark Δ or dotted line with mark Δ are critical for safety. Replace only with part number specified.

Note :
Les composants identifiés par une marque Δ sont critiques pour la sécurité. Ne les remplacer que par une pièce portant le numéro spécifié.
- **B+** : B+ Line
 - **B-** : B - Line
 - : adjustment for repair.
 - Voltage and waveforms are dc with respect to ground under no-signal conditions.
no mark : STOP
() : REC
 - Voltages are taken with a VOM (Input impedance $10M \Omega$).
Voltage variations may be noted due to normal production tolerances.
 - Waveforms are taken with a oscilloscope.
Voltage variations may be noted due to normal production tolerances.
 - Circled numbers refer to waveforms.
 - Signal path.
 : LINE
 : PB
 : REC

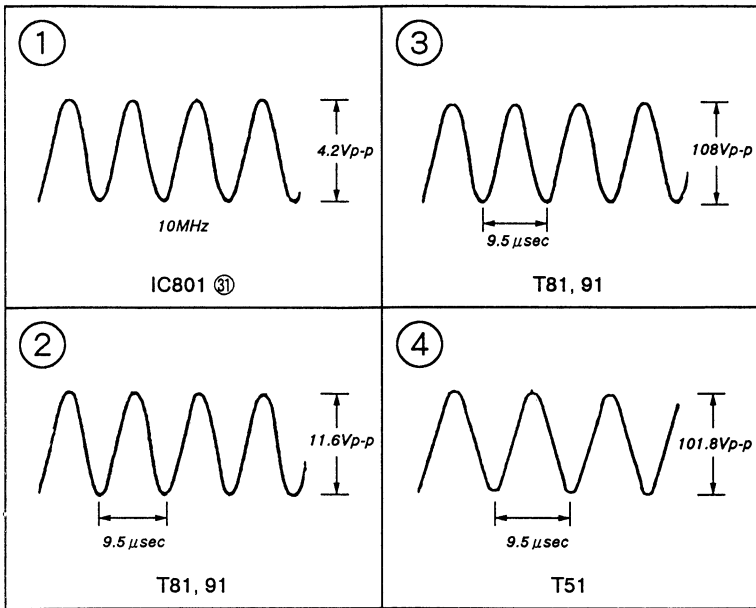


• WAVEFORMS



- Note :
- All capacitors are in μ F unless otherwise noted. pF: μ μ F 50WV or less are not indicated except for electrolytics and tantalums.
 - All resistors are in Ω and $\frac{1}{4}$ W or less unless otherwise specified.
 - % : indicates tolerance.
 - **B+** : B+ Line
 - **B-** : B - Line
 - **□** : adjustment for repair.
 - Voltage and waveforms are dc with respect to ground under no-signal conditions.
no mark : STOP
() : REC
 - Voltages are taken with a VOM (Input impedance 10M Ω). Voltage variations may be noted due to normal production tolerances.
 - Waveforms are taken with a oscilloscope. Voltage variations may be noted due to normal production tolerances.
 - Circled numbers refer to waveforms.
 - Signal path.
 \Rightarrow : PB
 \Rightarrow : REC

● WAVEFORMS



Note :

- All capacitors are in μ F unless otherwise noted. pF: μ μ F 50WV or less are not indicated except for electrolytics and tantalums.
- All resistors are in Ω and $\frac{1}{4}$ W or less unless otherwise specified.
- % : indicates tolerance.
- **B+** : B+ Line
- **B-** : B - Line
- **□** : adjustment for repair.
- Voltage and waveforms are dc with respect to ground under no-signal conditions.
no mark : STOP
() : REC
- Voltages are taken with a VOM (Input impedance 10M Ω).
Voltage variations may be noted due to normal production tolerances.
- Waveforms are taken with a oscilloscope.
Voltage variations may be noted due to normal production tolerances.
- Circled numbers refer to waveforms.
- Signal path.
 \Rightarrow : PB
 \Rightarrow : REC

SECTION 6
EXPLODED VIEWS

NOTE :

- -XX, -X mean standardized parts, so they may have some difference from the original one.
- The construction parts of an assembled part are indicated with a collation number in the remark column.
- Items marked “ * ” are not stocked since they are seldom required for routine service. Some delay should be anticipated when ordering these items.

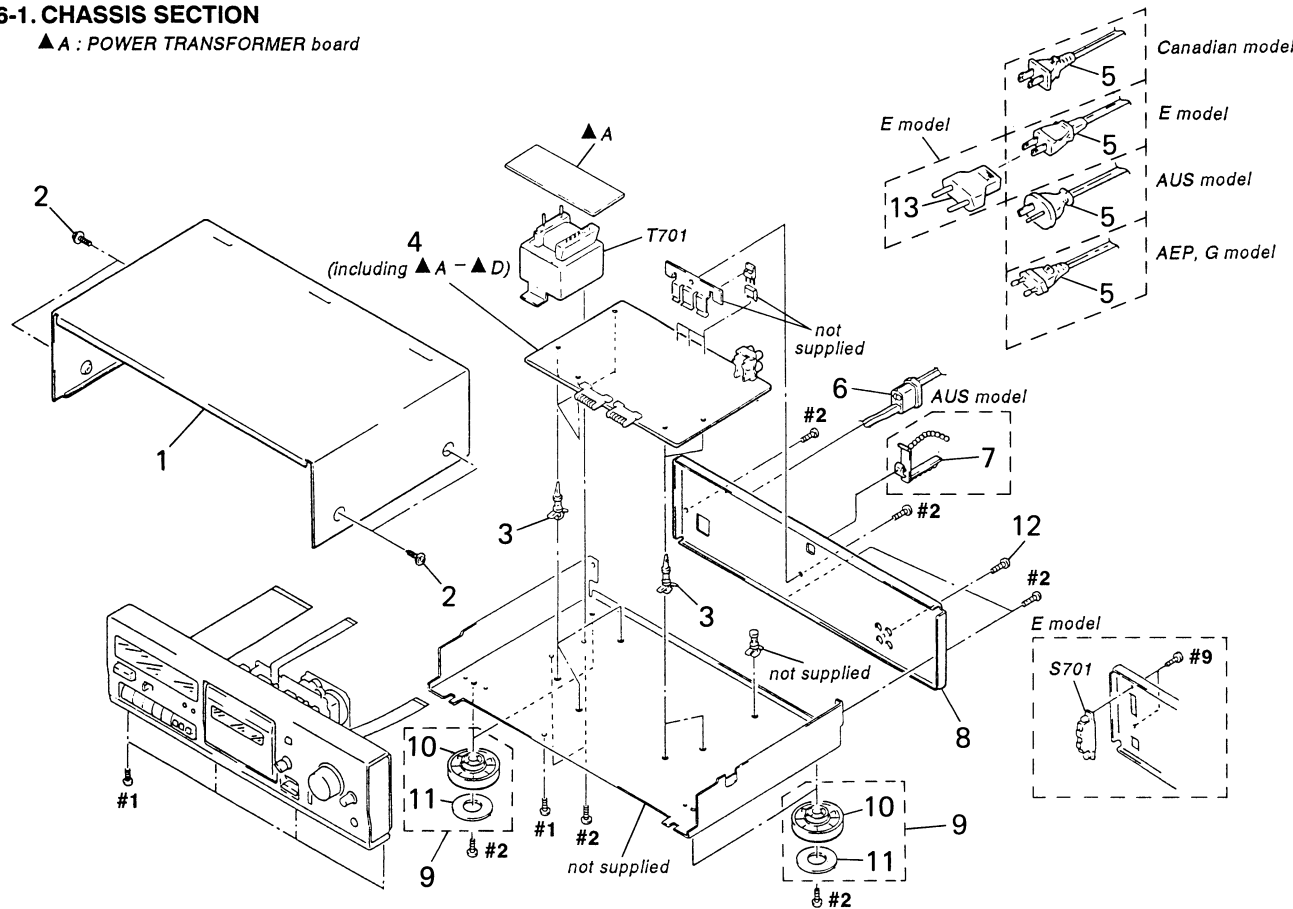
- The mechanical parts with no reference number in the exploded views are not supplied.
- Hardware (# mark) list and accessories and packing materials are given in the last of this parts list.
- Abbreviation
G : German
AUS : Australian

The components identified by mark Δ or dotted line with mark Δ are critical for safety.
Replace only with part number specified.

Les composants identifiés par une marque Δ sont critiques pour la sécurité.
Ne les remplacer que par une pièce portant le numéro spécifié.

6-1. CHASSIS SECTION

Δ A : POWER TRANSFORMER board



Ref.No.	Part No.	Description	Remark
* 1	4-943-088-41	CASE	
2	3-363-099-01	SCREW (CASE 3 TP2)	
* 3	3-346-265-31	HOLDER, PC BOARD	
* 4	A-2007-179-A	SYSTEM CONTROL BOARD, COMPLETE (K361:E)	
* 4	A-2007-181-A	SYSTEM CONTROL BOARD, COMPLETE (K361:AEP, G, AUS)	
* 4	A-2007-337-A	SYSTEM CONTROL BOARD, COMPLETE (RX361:Canadian)	
* 4	A-2007-338-A	SYSTEM CONTROL BOARD, COMPLETE (RX361:AEP)	
Δ 5	1-558-945-21	CORD, POWER (POLAR. SPT-1) (Canadian)	
Δ 5	1-575-651-21	CORD, POWER (AEP, G)	
Δ 5	1-696-027-11	CORD, POWER (E)	
Δ 5	1-696-845-11	CORD, POWER (AUS)	
* 6	3-703-244-00	BUSHING (2104), CORD (AEP, G, AUS)	
6	3-703-571-11	BUSHING (S) (4516), CORD (E, Canadian)	
7	4-956-370-12	BAND, PLUG FIXED (AUS)	

Ref.No.	Part No.	Description	Remark
* 8	3-920-038-01	PANEL, BACK (RX361:Canadian)	
* 8	3-920-038-11	PANEL, BACK (RX361:AEP)	
* 8	3-920-039-01	PANEL, BACK (K361:AEP, G)	
* 8	3-920-039-11	PANEL, BACK (K361:E)	
* 8	3-920-039-21	PANEL, BACK (K361:AUS)	
9	X-4941-291-1	FOOT ASSY (F58175S) (RX361:Canadian)	
9	X-4941-292-1	FOOT ASSY (F58175S) (K361/RX361:AEP)	
10	3-318-688-31	FOOT (F58175S) (K361/RX361:AEP)	
10	3-318-688-51	FOOT (F58175S) (RX361:Canadian)	
11	4-923-836-21	CUSHION	
12	3-704-515-01	SCREW (BV/RING)	
Δ 13	1-569-007-11	ADAPTER, CONVERSION 2P (E)	
Δ S701	1-570-046-21	SWITCH, VOLTAGE CHANGE (E)	
Δ T701	1-426-651-11	TRANSFORMER, POWER (AEP, G, AUS)	
Δ T701	1-426-652-11	TRANSFORMER, POWER (E)	
Δ T701	1-427-743-11	TRANSFORMER, POWER (Canadian)	

6-2. FR



FL9

Ref. N

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SECTION 6
EXPLODED VIEWS

NOTE:

- -XX, -X mean standardized parts, so they may have some difference from the original one.
- The construction parts of an assembled part are indicated with a collation number in the remark column.
- Items marked " * " are not stocked since they are seldom required for routine service. Some delay should be anticipated when ordering these items.

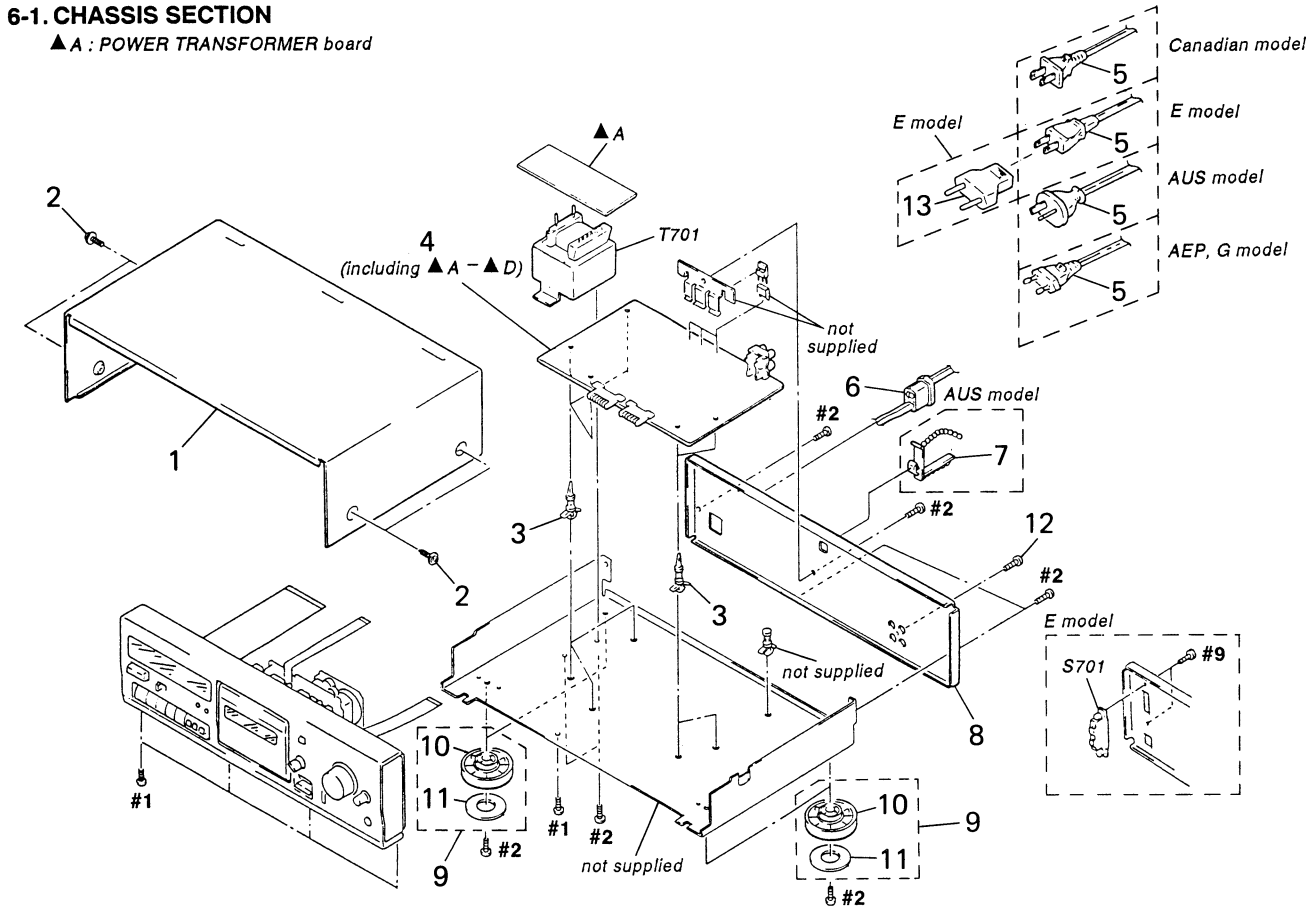
- The mechanical parts with no reference number in the exploded views are not supplied.
- Hardware (# mark) list and accessories and packing materials are given in the last of this parts list.
- Abbreviation
G : German
AUS : Australian

The components identified by mark ▲ or dotted line with mark ▲ are critical for safety. Replace only with part number specified.

Les composants identifiés par une marque ▲ sont critiques pour la sécurité. Ne les remplacer que par une pièce portant le numéro spécifié.

6-1. CHASSIS SECTION

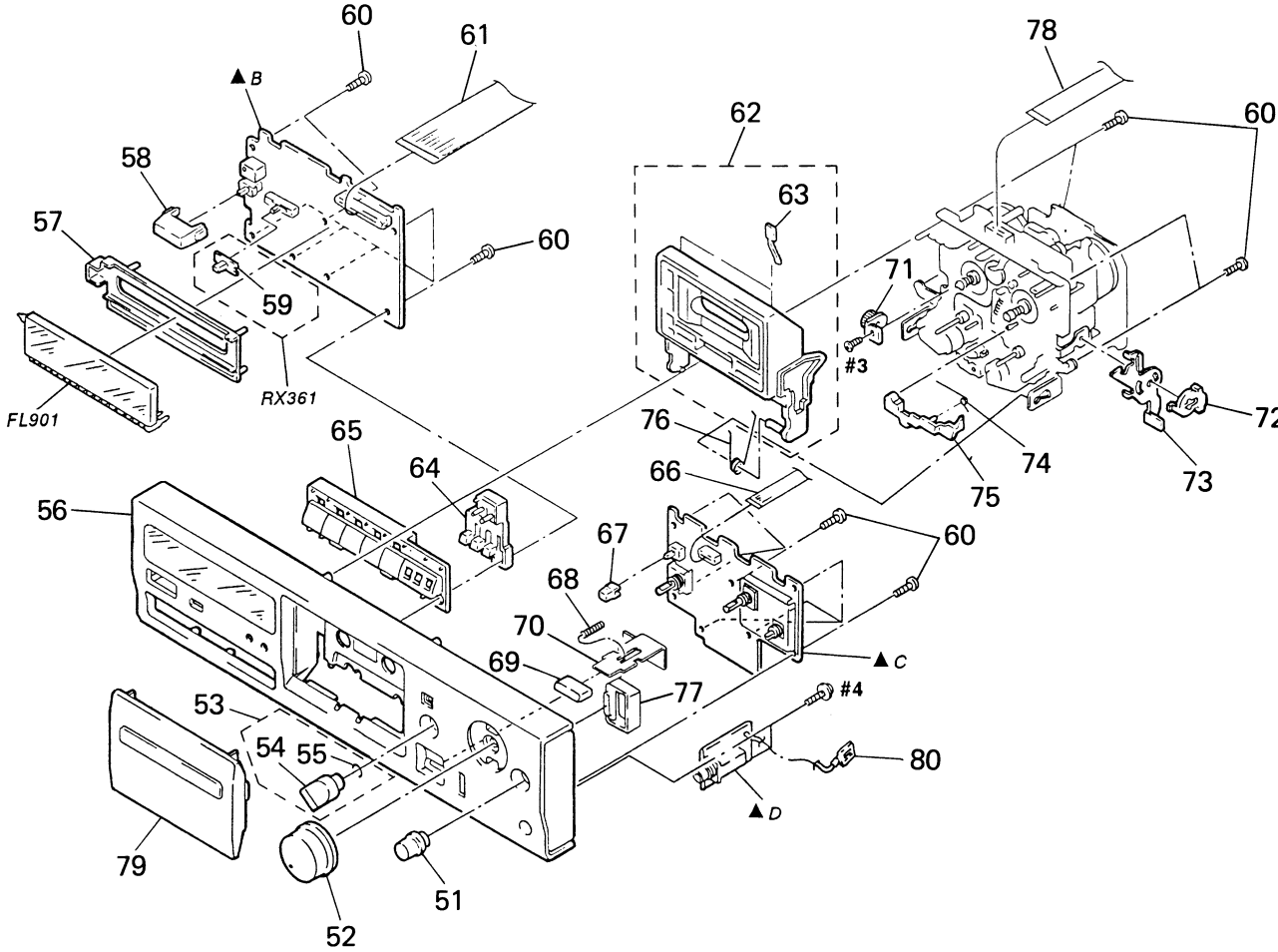
▲ A : POWER TRANSFORMER board



Ref.No.	Part No.	Description	Remark	Ref.No.	Part No.	Description	Remark
* 1	4-943-088-41	CASE		* 8	3-920-038-01	PANEL, BACK (RX361:Canadian)	
2	3-363-099-01	SCREW (CASE 3 TP2)		* 8	3-920-038-11	PANEL, BACK (RX361:AEP)	
* 3	3-346-265-31	HOLDER, PC BOARD		* 8	3-920-039-01	PANEL, BACK (K361:AEP,G)	
* 4	A-2007-179-A	SYSTEM CONTROL BOARD, COMPLETE (K361:E)		* 8	3-920-039-11	PANEL, BACK (K361:E)	
* 4	A-2007-181-A	SYSTEM CONTROL BOARD, COMPLETE (K361:AEP,G,AUS)		* 8	3-920-039-21	PANEL, BACK (K361:AUS)	
* 4	A-2007-337-A	SYSTEM CONTROL BOARD, COMPLETE (RX361:Canadian)		9	X-4941-291-1	FOOT ASSY (F58175S) (RX361:Canadian)	
* 4	A-2007-338-A	SYSTEM CONTROL BOARD, COMPLETE (RX361:AEP)		9	X-4941-292-1	FOOT ASSY (F58175S) (K361/RX361:AEP)	
▲ 5	1-558-945-21	CORD, POWER (POLAR. SPT-1) (Canadian)		10	3-318-688-31	FOOT (F58175S) (K361/RX361:AEP)	
▲ 5	1-575-651-21	CORD, POWER (AEP,G)		10	3-318-688-51	FOOT (F58175S) (RX361:Canadian)	
▲ 5	1-696-027-11	CORD, POWER (E)		11	4-923-836-21	CUSHION	
▲ 5	1-696-845-11	CORD, POWER (AUS)		12	3-704-515-01	SCREW (BV/RING)	
* 6	3-703-244-00	BUSHING (2104), CORD (AEP,G,AUS)		▲ 13	1-569-007-11	ADAPTER, CONVERSION 2P (E)	
6	3-703-571-11	BUSHING (S) (4516), CORD (E,Canadian)		▲ S701	1-570-046-21	SWITCH, VOLTAGE CHANGE (E)	
7	4-956-370-12	BAND, PLUG FIXED (AUS)		▲ T701	1-426-651-11	TRANSFORMER, POWER (AEP,G,AUS)	
				▲ T701	1-426-652-11	TRANSFORMER, POWER (E)	
				▲ T701	1-427-743-11	TRANSFORMER, POWER (Canadian)	

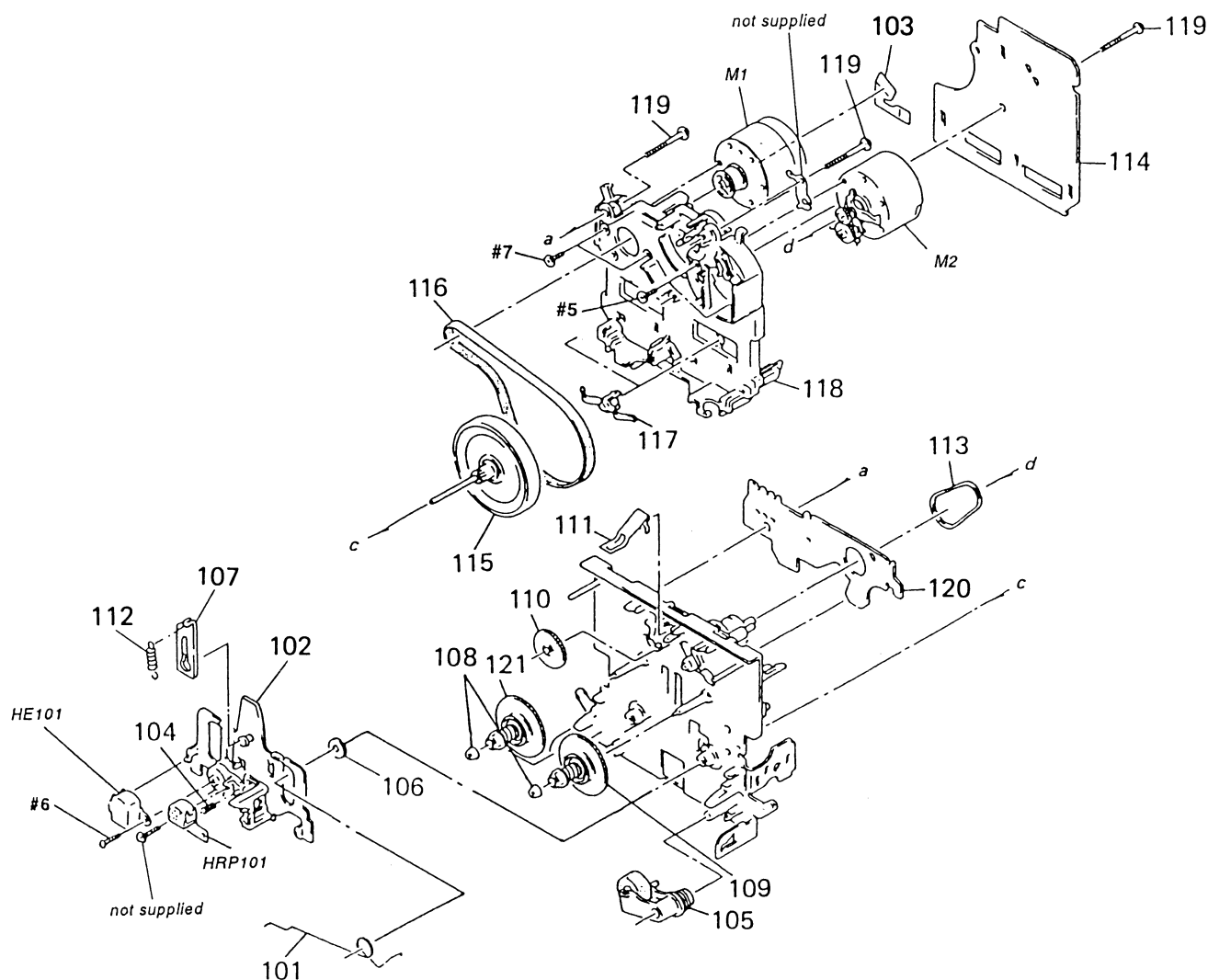
6-2. FRONT PANEL SECTION

▲ B : DISPLAY board
▲ C : PANEL board
▲ D : HEADPHONE board



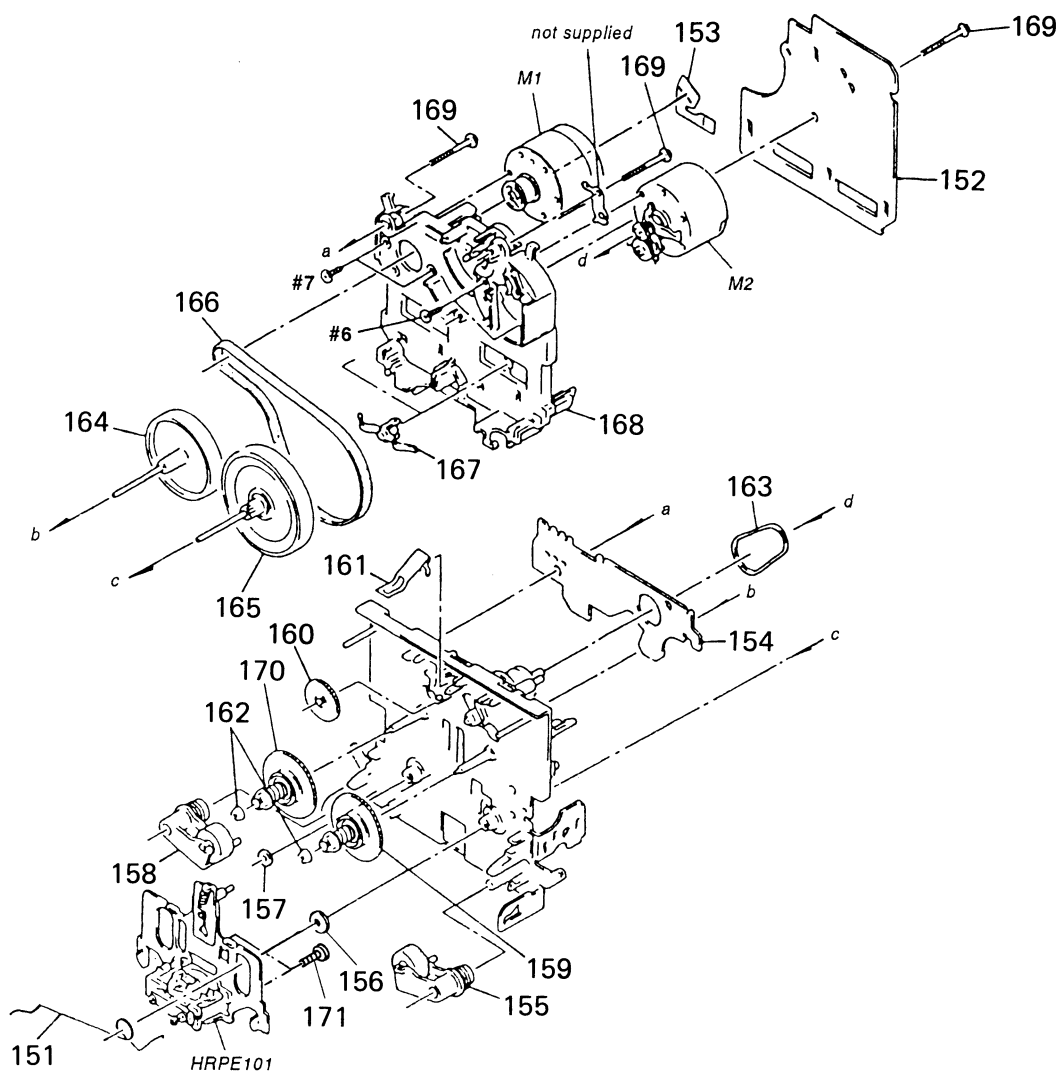
Ref.No.	Part No.	Description	Remark	Ref.No.	Part No.	Description	Remark
51	X-3368-033-1	KNOB (RB) ASSY		65	3-386-246-11	BUTTON (FR) (RX361)	
52	3-389-516-01	KNOB (REC)		65	3-386-247-11	BUTTON (FW) (K361)	
53	X-3368-032-1	KNOB ASSY		66	1-696-965-11	WIRE (FLAT TYPE) (7 CORE)	
54	4-908-097-21	KNOB		67	3-380-952-21	BUTTON	
55	3-350-440-11	SPRING, RING		68	3-359-906-11	SPRING, COMPRESSION	
56	X-3369-564-1	PANEL ASSY, FRONT (RX361:Canadian)		69	3-387-830-11	BUTTON (EJECT)	
56	X-3369-565-1	PANEL ASSY, FRONT (RX361:AEP)		70	3-387-833-11	SLIDER (EJECT)	
56	X-3369-567-1	PANEL ASSY, FRONT (K361)		71	3-354-963-01	DAMPER	
* 57	3-377-337-11	HOLDER (FL)		72	3-354-957-01	JOINT (LOCK LEVER)	
58	3-354-932-01	BUTTON (POWER)		* 73	3-354-954-01	LEVER (LOCK LEVER R)	
59	4-922-518-71	KNOB (TIMER) (RX361)		74	3-354-962-01	SPRING (EJ SAFTY SPRING R)	
60	4-951-620-01	SCREW (2.6×8), +BVTP		75	3-354-956-01	LEVER (EJ SAFTY LEVER R)	
61	1-751-736-11	WIRE (FLAT TYPE) (33 CORE)		76	3-354-960-01	SPRING (LOADING R), TORSION	
62	A-2004-326-A	HOLDER (R) ASSY, CASSETTE (RX361:Canadian)		77	3-387-834-31	BUTTON (MBC)	
62	A-2004-357-A	HOLDER (R) ASSY, CASSETTE (K361)		78	1-534-517-00	WIRE (FLAT TYPE) (13 CORE)	
62	A-4325-164-A	HOLDER (R) ASSY, CASSETTE (RX361:AEP)		79	X-3369-566-1	LID ASSY, CASSETTE (RX361)	
63	3-308-823-11	DETENT, CASSETTE		79	X-3369-568-1	LID ASSY, CASSETTE (K361)	
64	3-386-248-11	BUTTON (RE)		* 80	1-690-880-11	LEAD (WITH CONNECTOR)	
				FL901	1-517-173-11	INDICATOR TUBE, FLUORESCENT	

6-3. MECHANISM SECTION-1
(TCM-190VB12CS : K361)



Ref. No.	Part No.	Description	Remark	Ref. No.	Part No.	Description	Remark
101	3-907-362-01	SPRING, TORSION		* 114	A-2006-890-A	AUDIO BOARD, COMPLETE	
* 102	3-359-445-11	HOLDER (1 WAY HEAD)		115	X-3367-629-1	FLYWHEEL (FWD) ASSY	
103	1-638-983-11	MOTOR FLEXIBLE BOARD		116	3-359-467-01	BELT (1 WAY FLAT BELT)	
104	3-343-484-01	SPRING, COMPRESSION		117	3-575-321-00	RETAINER, THRUST, CAPSTAN	
105	X-3366-047-1	LEVER (PINCH F) ASSY		118	3-359-436-11	BASE (THRUST RETAINER), FITTING	
106	3-356-713-01	WASHER		119	3-359-414-01	SCREW (+PTPWH 2×23)	
* 107	X-3368-865-1	SLIDER (LIMITER) ASSY		* 120	1-638-020-11	LEAF SW BOARD	
108	3-362-308-01	CAP (REEL)		121	X-3366-971-1	TABLE ASSY (B), REEL	
109	X-3366-970-1	TABLE ASSY, REEL		HE101	1-543-673-11	HEAD, MAGNETIC (ERASE)	
110	3-359-424-01	GEAR (REV GEAR)		HRP101	1-543-919-11	HEAD, MAGNETIC (RECORD/PLAYBACK)	
111	3-359-430-01	SPRING(CASSETTE RETAINER), LEAF		M1	X-3365-377-2	MOTOR ASSY (CAPSTAN)	
112	3-363-868-01	SPRING (HEAD CHASSIS), TENSION		M2	X-3363-501-2	MOTOR ASSY (REEL)	
113	3-359-466-01	BELT (FR), SQUARE					

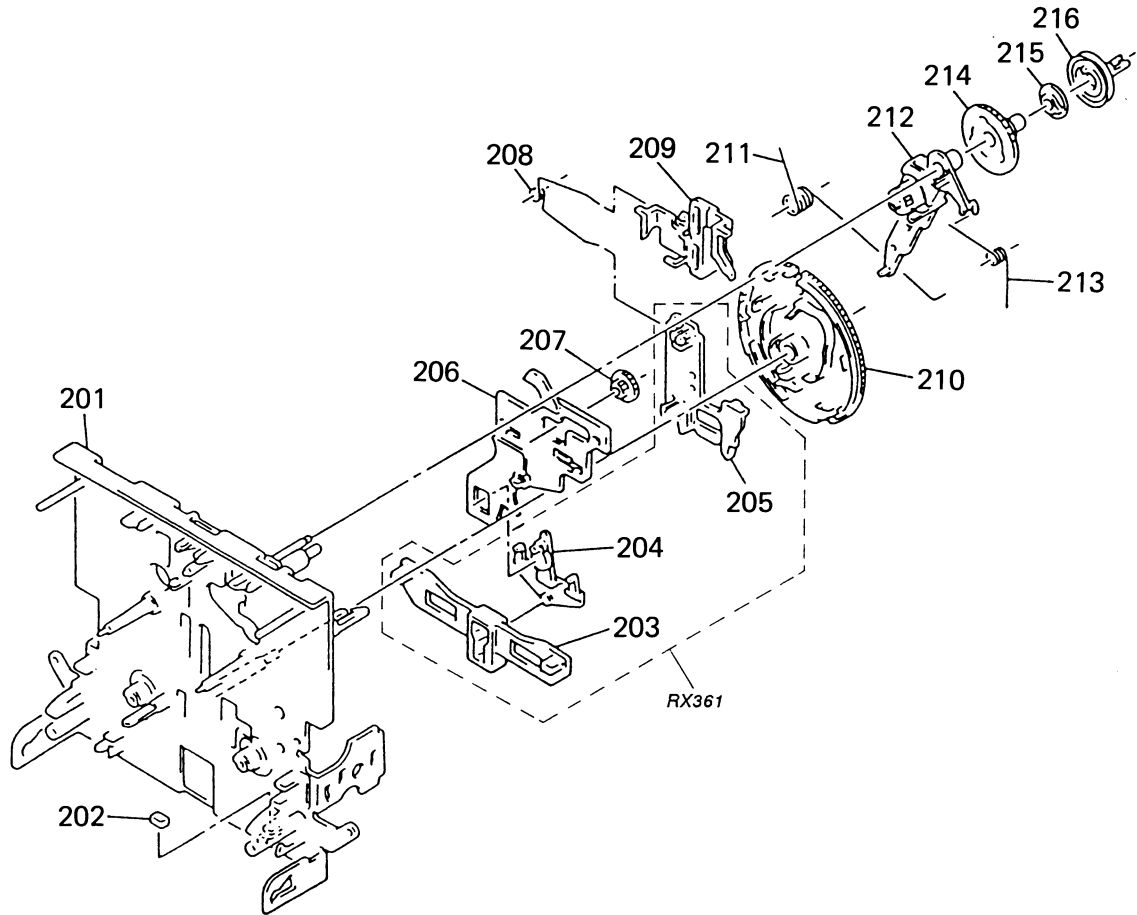
6-4. MECHANISM SECTION-2
(TCM-190RB12CL : RX361)



Ref. No.	Part No.	Description	Remark
151	3-907-362-01	SPRING, TORSION	
* 152	A-2007-040-A	AUDIO BOARD, COMPLETE	
153	1-638-983-11	MOTOR FLEXIBLE BOARD	
* 154	1-638-020-11	LEAF SW BOARD	
155	X-3366-047-1	LEVER (PINCH F) ASSY	
156	3-356-713-01	WASHER	
157	3-356-714-01	WASHER	
158	X-3366-048-1	LEVER (PINCH R) ASSY	
159	X-3366-970-1	TABLE ASSY, REEL	
160	3-359-424-01	GEAR (REV GEAR)	
161	3-359-430-01	SPRING(CASSETTE RETAINER), LEAF	
162	3-362-308-01	CAP (REEL)	
163	3-359-466-01	BELT (FR), SQUARE	

Ref. No.	Part No.	Description	Remark
164	X-3367-630-1	FLYWHEEL (REV) ASSY	
165	X-3367-629-1	FLYWHEEL (FWD) ASSY	
166	3-359-417-01	BELT (FLAT), CAPSTAN	
167	3-575-321-00	RETAINER, THRUST, CAPSTAN	
168	3-359-436-11	BASE (THRUST RETAINER), FITTING	
169	3-359-414-01	SCREW (+PTPH 2x23)	
170	X-3366-971-1	TABLE ASSY (B), REEL	
171	3-388-848-01	SCREW (P2x6) (B TIGHT)	
	HRPE101A-2003-930-A	BASE ASSY, HEAD (RECORD/PLAYBACK/ERASE)	
M1	X-3365-377-2	MOTOR ASSY (CAPSTAN)	
M2	X-3363-501-2	MOTOR ASSY (REEL)	

6-5. MECHANISM SECTION-3
(TCM-190VB12CS : K361)
(TCM-190RB12CL : RX361)



Ref.No.	Part No.	Description	Remark	Ref.No.	Part No.	Description	Remark
201	X-3359-415-1	CHASSIS (ONE) ASSY, MECHANICAL (RX361)		209	3-359-429-01	SLIDER (BRAKE PLATE)	
201	X-3359-416-1	CHASSIS (ONE) ASSY, MECHANICAL (K361)		210	3-359-420-01	GEAR (CAM GEAR)	
202	3-359-469-01	SPACER		211	3-359-456-01	SPRING(TRIGGER SPRING), TORSION	
203	3-359-425-01	SLIDER (REVERSE SLIDER) (RX361)		212	X-3366-569-1	ARM ASSY, FR	
204	3-359-426-01	LEVER (REVERSE LEVER) (RX361)		213	3-924-185-11	SPRING (FR ARM), TORSION	
205	3-359-427-01	SLIDER (LEVERSE SLIDER) (RX361)		214	3-359-419-11	GEAR (FR GEAR)	
* 206	3-359-415-01	SLIDER (TRIGGER SLIDER)		215	3-359-421-01	CLUTCH (REEL DISK)	
207	3-359-448-01	GEAR (TRIGGER)		216	3-359-418-01	PULLEY (FR PULLEY)	
208	3-359-454-01	SPRING, TORSION					

AUDIO

SECTION 7 ELECTRICAL PARTS LIST

NOTE :

- Due to standardization, replacements in the parts list may be different from the parts specified in the diagrams or the components used on the set.
- -XX, -X mean standardized parts, so they may have some difference from the original one.
- RESISTORS
All resistors are in ohms
METAL : Metal-film resistor
METAL OXIDE : Metal oxide-film resistor
F : nonflammable

- Items marked " * " are not stocked since they are seldom required for routine service. Some delay should be anticipated when ordering these items.
- SEMICONDUCTORS
In each case, μ : μ , for example :
 μA : μA, μPA : μPA
 μPB : μPB, μPC : μPC
 μPD : μPD
- CAPACITORS
 μF : μF
- COILS
 μH : μH
- Abbreviation
G : German
AUS : Australian

The components identified by mark Δ or dotted line with mark Δ are critical for safety. Replace only with part number specified.

Les composants identifiés par une marque Δ sont critiques pour la sécurité. Ne les remplacer que par une pièce portant le numéro spécifié.

When indicating parts by reference number, please include the board.

Ref. No.	Part No.	Description	Remark	Ref. No.	Part No.	Description	Remark
*	A-2006-890-A	AUDIO BOARD, COMPLETE	(K361)	C91	1-164-232-11	CERAMIC CHIP	0.01 μF 50V
*	A-2007-040-A	AUDIO BOARD, COMPLETE	(RX361)	C92	1-136-157-00	FILM	0.022 μF 5% 50V
	*****			C93	1-164-004-11	CERAMIC CHIP	0.1 μF 10% 25V
	< CAPACITOR >			C94	1-136-439-11	FILM	330PF 5% 630V (K361)
C11	1-163-133-00	CERAMIC CHIP	470PF 5% 50V (K361)	C94	1-136-478-11	FILM	470PF 5% 630V (RX361)
C11	1-163-131-00	CERAMIC CHIP	390PF 5% 50V (RX361)	C95	1-136-433-11	FILM	100PF 5% 630V
C12	1-136-157-00	FILM	0.022 μF 5% 50V	C96	1-163-143-00	CERAMIC CHIP	0.0012 μF 5% 50V
C13	1-124-234-00	ELECT	22 μF 20% 16V	C97	1-136-273-91	FILM	75PF 5% 630V
C18	1-163-117-00	CERAMIC CHIP	100PF 5% 50V	C98	1-163-003-11	CERAMIC CHIP	330PF 10% 50V
				C99	1-164-005-11	CERAMIC CHIP	0.47 μF 25V
C21	1-163-133-00	CERAMIC CHIP	470PF 5% 50V (K361)		< CONNECTOR >		
C21	1-163-131-00	CERAMIC CHIP	390PF 5% 50V (RX361)	* CN703	1-573-565-11	PIN, CONNECTOR 5P	(K361:E)
C22	1-136-157-00	FILM	0.022 μF 5% 50V	* CNP31	1-580-782-11	CONNECTOR, BOARD TO BOARD	
C23	1-124-234-00	ELECT	22 μF 20% 16V	* CNP32	1-580-781-11	PIN, CONNECTOR (PC BOARD) 7P	
C28	1-163-117-00	CERAMIC CHIP	100PF 5% 50V	* CNP33	1-580-782-11	CONNECTOR, BOARD TO BOARD	
C31	1-124-234-00	ELECT	22 μF 20% 16V	* CNP71	1-564-719-11	PIN, CONNECTOR (SMALL TYPE) 3P	
C32	1-124-234-00	ELECT	22 μF 20% 16V	CNP72	1-764-902-11	CONNECTOR, FFC/FPC 4P	
C33	1-124-234-00	ELECT	22 μF 20% 16V	* CNP75	1-564-718-11	PIN, CONNECTOR (SMALL TYPE) 2P	(RX361)
C51	1-164-182-11	CERAMIC CHIP	0.0033 μF 10% 50V (K361)		< DIODE >		
C51	1-164-161-11	CERAMIC CHIP	0.0022 μF 10% 100V (RX361)	D31	8-719-404-46	DIODE	MA110
C52	1-164-182-11	CERAMIC CHIP	0.0033 μF 10% 50V (K361)		< IC >		
C52	1-164-161-11	CERAMIC CHIP	0.0022 μF 10% 100V (RX361)	IC31	8-759-106-02	IC	$\mu PC4570G2$
C53	1-163-020-00	CERAMIC CHIP	0.0082 μF 10% 50V (K361)	IC81	8-759-106-56	IC	$\mu PC1297CA$
C53	1-163-019-00	CERAMIC CHIP	0.0068 μF 10% 50V (RX361)		< COIL >		
C54	1-136-601-11	FILM	0.01 μF 5% 630V	L81	1-410-780-11	INDUCTOR	27mH
C56	1-164-505-11	CERAMIC CHIP	2.2 μF 16V	L91	1-410-780-11	INDUCTOR	27mH
C57	1-164-346-11	CERAMIC CHIP	1 μF 16V		< TRANSISTOR >		
C71	1-164-346-11	CERAMIC CHIP	1 μF 16V	Q51	8-729-808-01	TRANSISTOR	2SD1622-S
C80	1-124-234-00	ELECT	22 μF 20% 16V	Q52	8-729-808-01	TRANSISTOR	2SD1622-S
C81	1-164-232-11	CERAMIC CHIP	0.01 μF 50V	Q53	8-729-808-01	TRANSISTOR	2SD1622-S
C82	1-136-157-00	FILM	0.022 μF 5% 50V	Q71	8-729-602-36	TRANSISTOR	2SA1602 (K361)
C83	1-164-004-11	CERAMIC CHIP	0.1 μF 10% 25V	Q71	8-729-216-22	TRANSISTOR	2SA1162-G (RX361)
C84	1-136-439-11	FILM	330PF 5% 630V (K361)				
C84	1-136-478-11	FILM	470PF 5% 630V (RX361)				
C85	1-136-433-11	FILM	100PF 5% 630V				
C86	1-163-143-00	CERAMIC CHIP	0.0012 μF 5% 50V				
C87	1-136-273-91	FILM	75PF 5% 630V				
C88	1-163-003-11	CERAMIC CHIP	330PF 10% 50V				
C89	1-124-234-00	ELECT	22 μF 20% 16V				
C90	1-107-584-11	CERAMIC	4PF 0.25PF 500V				

Ref.No.	Part No.	Description	Remark
< RESISTOR >			
R11	1-216-107-00	METAL CHIP 270K 5% 1/10W (K361)	
R11	1-216-099-00	METAL CHIP 120K 5% 1/10W (RX361)	
R12	1-216-025-91	METAL GLAZE 100 5% 1/10W	
R13	1-216-100-00	METAL GLAZE 130K 5% 1/10W	
R14	1-216-068-00	METAL CHIP 6.2K 5% 1/10W (K361)	
R14	1-216-067-00	METAL CHIP 5.6K 5% 1/10W (RX361)	
R21	1-216-107-00	METAL CHIP 270K 5% 1/10W (K361)	
R21	1-216-099-00	METAL CHIP 120K 5% 1/10W (RX361)	
R22	1-216-025-91	METAL GLAZE 100 5% 1/10W	
R23	1-216-100-00	METAL GLAZE 130K 5% 1/10W	
R24	1-216-068-00	METAL CHIP 6.2K 5% 1/10W (K361)	
R24	1-216-067-00	METAL CHIP 5.6K 5% 1/10W (RX361)	
R31	1-216-033-00	METAL CHIP 220 5% 1/10W	
R32	1-216-033-00	METAL CHIP 220 5% 1/10W	
R33	1-216-065-00	METAL CHIP 4.7K 5% 1/10W	
R51	1-216-091-00	METAL CHIP 56K 5% 1/10W (K361)	
R51	1-216-097-00	METAL CHIP 100K 5% 1/10W (RX361)	
R52	1-216-091-00	METAL CHIP 56K 5% 1/10W (K361)	
R52	1-216-097-00	METAL CHIP 100K 5% 1/10W (RX361)	
R53	1-216-073-00	METAL CHIP 10K 5% 1/10W	
R54	1-216-309-00	METAL CHIP 5.6 5% 1/10W	
R55	1-216-309-00	METAL CHIP 5.6 5% 1/10W	
R57	1-216-298-00	METAL CHIP 2.2 5% 1/10W	
R71	1-216-082-00	METAL GLAZE 24K 5% 1/10W	
R72	1-216-081-00	METAL CHIP 22K 5% 1/10W	
R73	1-216-089-00	METAL CHIP 47K 5% 1/10W	
R74	1-216-089-00	METAL CHIP 47K 5% 1/10W	
R81	1-216-073-00	METAL CHIP 10K 5% 1/10W	
R82	1-216-085-00	METAL CHIP 33K 5% 1/10W	
R83	1-216-001-00	METAL CHIP 10 5% 1/10W	
R84	1-216-101-00	METAL CHIP 150K 5% 1/10W	
R85	1-216-075-00	METAL CHIP 12K 5% 1/10W	
R91	1-216-073-00	METAL CHIP 10K 5% 1/10W	
R92	1-216-085-00	METAL CHIP 33K 5% 1/10W	
R93	1-216-001-00	METAL CHIP 10 5% 1/10W	
R94	1-216-101-00	METAL CHIP 150K 5% 1/10W	
R95	1-216-075-00	METAL CHIP 12K 5% 1/10W	
< VARIABLE RESISTOR >			
RV11	1-241-761-11	RES, ADJ, CARBON 1K (PLAYBACK LEVEL L)	
RV21	1-241-761-11	RES, ADJ, CARBON 1K (PLAYBACK LEVEL R)	
RV71	1-241-630-11	RES, ADJ, CARBON 10K (TAPE SPEED)	
RV72	1-241-630-11	RES, ADJ, CARBON 10K (TAPE SPEED)	
RV81	1-241-786-11	RES, ADJ, CARBON 22K (BIAS CONSUMPTION CURRENT/RECORD BIAS L)	
RV91	1-241-786-11	RES, ADJ, CARBON 22K (BIAS CONSUMPTION CURRENT/RECORD BIAS R)	

Ref.No.	Part No.	Description	Remark
< RELAY >			
RY31	1-515-913-11	RELAY	
< TRANSFORMER >			
T51	1-433-383-11	TRANSFORMER, BIAS OSCILLATION (K361)	
T51	1-406-417-11	COIL, BIAS OSCILLATION (RX361)	
T81	1-433-398-11	TRANSFORMER, BIAS OSCILLATOR (K361)	
T81	1-433-381-11	TRANSFORMER, BIAS OSCILLATOR (RX361)	
T91	1-433-398-11	TRANSFORMER, BIAS OSCILLATOR (K361)	
T91	1-433-381-11	TRANSFORMER, BIAS OSCILLATOR (RX361)	
< TEST PIN >			
* TP81	1-568-449-11	HOUSING, CONNECTOR (PC BOARD) 3P	

*	1-638-020-11	LEAF SW BOARD	

< CONNECTOR >			
* CNP81	1-568-850-11	SOCKET, CONNECTOR 7P	
< IC >			
IC81	8-749-924-10	IC PHONT REFLECTOR NJL5165K-B(H1)	
< RESISTOR >			
R81	1-249-414-11	CARBON 560 5% 1/4W	
R82	1-247-818-11	CARBON 300 5% 1/4W (RX361)	
R83	1-247-834-11	CARBON 1.3K 5% 1/4W	
R84	1-249-417-11	CARBON 1K 5% 1/4W	
R85	1-249-408-11	CARBON 180 5% 1/4W	
< SWITCH >			
S81	1-571-958-11	SWITCH, PUSH (1 KEY) (STOP)	
S82	1-571-281-21	SWITCH, LEAF (CrO ₂)	
S83	1-571-281-21	SWITCH, LEAF (METAL)	
S84	1-571-281-21	SWITCH, LEAF (REC A)	
S85	1-571-281-21	SWITCH, LEAF (REC B) (RX361)	
S86	1-571-281-21	SWITCH, LEAF (HALF)	

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HEADPHONE

DISPLAY

Ref.No.	Part No.	Description	Remark
*	A-2007-179-A	SYSTEM CONTROL BOARD, COMPLETE (K361:E)	
*	A-2007-181-A	SYSTEM CONTROL BOARD, COMPLETE (K361:AEP, G, AUS)	
*	A-2007-337-A	SYSTEM CONTROL BOARD, COMPLETE (RX361:Canadian)	
*	A-2007-338-A	SYSTEM CONTROL BOARD, COMPLETE (RX361:AEP)	

		PANEL BOARD	

		POWER TRANSFORMET BOARD	

		HEADPHONE BOARD	

		DISPLAY BOARD	

*	1-690-880-11	LEAD (WITH CONNECTOR)	
		< CAPACITOR >	
C101	1-136-157-00	FILM 0.022uF 5%	50V
C102	1-126-963-11	ELECT 4.7uF 20%	50V
C103	1-162-302-11	CERAMIC 0.0022uF 20%	16V
C104	1-124-907-11	ELECT 10uF 20%	50V
C105	1-136-165-00	FILM 0.1uF 5%	50V
C106	1-136-163-00	FILM 0.068uF 5%	50V
C107	1-124-916-11	ELECT 22uF 20%	63V
C109	1-124-907-11	ELECT 10uF 20%	50V
C110	1-126-963-11	ELECT 4.7uF 20%	50V
C111	1-126-962-11	ELECT 3.3uF 20%	50V
C112	1-124-902-00	ELECT 0.47uF 20%	50V
C113	1-126-963-11	ELECT 4.7uF 20%	50V
C131	1-126-963-11	ELECT 4.7uF 20%	50V
C132	1-126-962-11	ELECT 3.3uF 20%	50V
C201	1-136-157-00	FILM 0.022uF 5%	50V
C202	1-126-963-11	ELECT 4.7uF 20%	50V
C203	1-162-302-11	CERAMIC 0.0022uF 20%	16V
C204	1-124-907-11	ELECT 10uF 20%	50V
C205	1-136-165-00	FILM 0.1uF 5%	50V
C206	1-136-163-00	FILM 0.068uF 5%	50V
C207	1-124-916-11	ELECT 22uF 20%	63V
C209	1-124-907-11	ELECT 10uF 20%	50V
C210	1-126-963-11	ELECT 4.7uF 20%	50V
C211	1-126-962-11	ELECT 3.3uF 20%	50V
C212	1-124-902-00	ELECT 0.47uF 20%	50V
C213	1-126-963-11	ELECT 4.7uF 20%	50V
C231	1-126-963-11	ELECT 4.7uF 20%	50V
C232	1-126-962-11	ELECT 3.3uF 20%	50V
C501	1-126-942-61	ELECT 1000uF	16V
C502	1-124-907-11	ELECT 10uF 20%	50V
C503	1-124-907-11	ELECT 10uF 20%	50V

Ref.No.	Part No.	Description	Remark
C504	1-124-903-11	ELECT 1uF 20%	50V
C505	1-124-907-11	ELECT 10uF 20%	50V
C506	1-124-443-00	ELECT 100uF 20%	10V
C511	1-136-161-00	FILM 0.047uF 5%	50V
C512	1-136-164-00	FILM 0.082uF 5%	50V
C513	1-137-367-11	FILM 0.0033uF 5%	50V
C521	1-124-907-11	ELECT 10uF 20%	50V
C551	1-162-282-31	CERAMIC 100PF 10%	50V
C552	1-161-494-00	CERAMIC 0.022uF	25V
C553	1-162-217-31	CERAMIC 56PF 5%	50V
C554	1-124-925-11	ELECT 2.2uF 20%	100V
C555	1-124-925-11	ELECT 2.2uF 20%	100V
C571	1-124-916-11	ELECT 22uF 20%	63V
C572	1-126-916-11	ELECT 1000uF 20%	6.3V
C581	1-164-159-11	CERAMIC 0.1uF	50V
C601	1-164-159-11	CERAMIC 0.1uF	50V
C602	1-162-288-31	CERAMIC 330PF 10%	50V
C701	1-124-563-11	ELECT 2200uF 20%	25V
C702	1-124-563-11	ELECT 2200uF 20%	25V
C703	1-124-477-11	ELECT 47uF 20%	25V
C704	1-126-926-11	ELECT 1000uF 20%	10V
C705	1-126-926-11	ELECT 1000uF 20%	10V
C706	1-126-941-11	ELECT 470uF 20%	6.3V
C707	1-124-907-11	ELECT 10uF 20%	50V
C708	1-124-903-11	ELECT 1uF 20%	50V
C709	1-124-122-11	ELECT 100uF 20%	50V
C710	1-124-477-11	ELECT 47uF 20%	25V
C711	1-164-159-11	CERAMIC 0.1uF	50V
C801	1-126-963-11	ELECT 4.7uF 20%	50V
C803	1-161-494-00	CERAMIC 0.022uF	25V
C804	1-161-494-00	CERAMIC 0.022uF	25V
C805	1-164-159-11	CERAMIC 0.1uF	50V
C806	1-124-907-11	ELECT 10uF 20%	50V
C807	1-126-941-11	ELECT 470uF 20%	6.3V
C808	1-161-494-00	CERAMIC 0.022uF	25V
C809	1-161-494-00	CERAMIC 0.022uF	25V
C810	1-162-282-31	CERAMIC 100PF 10%	50V
C811	1-164-159-11	CERAMIC 0.1uF	50V
C921	1-124-903-11	ELECT 1uF 20%	50V
		< CONNECTOR >	
* CN501	1-691-916-11	CONNECTOR, BOARD TO BOARD	
* CN502	1-691-916-11	CONNECTOR, BOARD TO BOARD	
CN503	1-568-826-11	CONNECTOR, FFC/FPC 7P	
CN504	1-750-418-11	CONNECTOR, FFC/FPC 13P	
CN505	1-750-438-11	CONNECTOR, FFC/FPC 33P	
CN506	1-506-468-11	PIN, CONNECTOR 3P	
CN701	1-564-510-11	PLUG, CONNECTOR 7P	
* CN702	1-580-230-31	PIN, CONNECTOR (PC BOARD) 2P	

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Ref. No.	Part No.	Description	Remark
CNP504	1-750-418-11	CONNECTOR, FFC/FPC 13P	
CNP505	1-750-438-11	CONNECTOR, FFC/FPC 33P	
< DIODE >			
D131	8-719-987-63	DIODE 1N4148M	
D132	8-719-987-63	DIODE 1N4148M	
D231	8-719-987-63	DIODE 1N4148M	
D232	8-719-987-63	DIODE 1N4148M	
D511	8-719-987-63	DIODE 1N4148M	
D512	8-719-987-63	DIODE 1N4148M	
D551	8-719-987-63	DIODE 1N4148M	
D571	8-719-987-63	DIODE 1N4148M	
D701	8-719-024-99	DIODE 11ES2-NTA2B	
D702	8-719-024-99	DIODE 11ES2-NTA2B	
D703	8-719-024-99	DIODE 11ES2-NTA2B	
D704	8-719-024-99	DIODE 11ES2-NTA2B	
D705	8-719-987-63	DIODE 1N4148M	
D706	8-719-987-63	DIODE 1N4148M	
D707	8-719-024-99	DIODE 11ES2-NTA2B	
D708	8-719-933-33	DIODE HZS6A1L	
D709	8-719-001-51	DIODE UZL-11H1	
D710	8-719-000-60	DIODE UZL-6M2	
D711	8-719-987-63	DIODE 1N4148M	
D712	8-719-987-63	DIODE 1N4148M	
D713	8-719-000-93	DIODE UZL-7H1	
D714	8-719-987-63	DIODE 1N4148M	
D715	8-719-933-33	DIODE HZS6A1L	
D801	8-719-933-33	DIODE HZS6A1L	
D802	8-719-933-33	DIODE HZS6A1L	
< INDICATOR TUBE >			
FL901	1-517-173-11	INDICATOR TUBE, FLUORESCENT	
< IC >			
IC501	8-752-060-46	IC CXA1561S	
IC502	8-752-055-62	IC CXA1579P (K361)	
IC502	8-752-055-61	IC CXA1578P (RX361)	
IC503	8-759-634-51	IC M5218AP	
IC504	8-759-634-51	IC M5218AP	
IC505	8-759-634-51	IC M5218AP	
IC506	8-759-140-53	IC uPD4053BC	
IC507	8-759-634-51	IC M5218AP	
IC508	8-759-000-48	IC MC14052BCP	
IC509	8-759-916-14	IC SN74HC04AN	
IC510	8-759-634-51	IC M5218AP	
IC511	8-759-634-51	IC M5218AP	
IC601	8-759-803-42	IC LA6500-FA	
IC701	8-759-634-51	IC M5218AP	
IC801	8-752-842-10	IC CXP82316-014Q	

Ref. No.	Part No.	Description	Remark
IC802	8-759-165-82	IC PST600E-T	
IC901	8-741-810-59	IC SBX1810-59	
< JACK >			
J501	1-565-258-11	JACK, PIN 4P (LINE IN/OUT)	
J502	1-568-519-41	JACK, LARGE TYPE (PHONES)	
< FILTER >			
LPF101	1-235-175-11	FILTER, LOW PASS	
LPF201	1-235-175-11	FILTER, LOW PASS	
< TRANSISTOR >			
Q101	8-729-900-89	TRANSISTOR DTC144ES	
Q102	8-729-900-80	TRANSISTOR DTC114ES	
Q121	8-729-142-25	TRANSISTOR 2SD1020-HFE	
Q122	8-729-119-78	TRANSISTOR 2SC2785-HFE	
Q201	8-729-900-89	TRANSISTOR DTC144ES	
Q202	8-729-900-80	TRANSISTOR DTC114ES	
Q221	8-729-142-25	TRANSISTOR 2SD1020-HFE	
Q222	8-729-119-78	TRANSISTOR 2SC2785-HFE	
Q503	8-729-422-57	TRANSISTOR UN4111	
Q503	8-729-900-61	TRANSISTOR DTA114ES	
Q504	8-729-900-80	TRANSISTOR DTC114ES	
Q505	8-729-900-89	TRANSISTOR DTC144ES (RX361)	
Q511	8-729-119-78	TRANSISTOR 2SC2785-HFE	
Q512	8-729-900-74	TRANSISTOR DTC143TS	
Q521	8-729-900-80	TRANSISTOR DTC114ES	
Q531	8-729-422-57	TRANSISTOR UN4111	
Q531	8-729-900-61	TRANSISTOR DTA114ES	
Q532	8-729-900-80	TRANSISTOR DTC114ES	
Q551	8-729-119-76	TRANSISTOR 2SA1175-HFE	
Q571	8-729-422-57	TRANSISTOR UN4111	
Q571	8-729-900-61	TRANSISTOR DTA114ES	
Q572	8-729-422-57	TRANSISTOR UN4111	
Q572	8-729-900-61	TRANSISTOR DTA114ES	
Q573	8-729-900-65	TRANSISTOR DTA144ES	
Q601	8-729-801-93	TRANSISTOR 2SD1387	
Q701	8-729-141-83	TRANSISTOR 2SB1094-LK	
Q702	8-729-209-15	TRANSISTOR 2SD2012	
Q703	8-729-900-74	TRANSISTOR DTC143TS	
Q704	8-729-141-83	TRANSISTOR 2SB1094-LK	
Q705	8-729-119-78	TRANSISTOR 2SC2785-HFE	
Q706	8-729-900-74	TRANSISTOR DTC143TS	
Q707	8-729-119-76	TRANSISTOR 2SA1175-HFE	
Q708	8-729-140-04	TRANSISTOR 2SB1116A-L	
Q803	8-729-900-80	TRANSISTOR DTC114ES	
Q805	8-729-119-76	TRANSISTOR 2SA1175-HFE	

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Ref. No.	Part No.	Description				Remark	Ref. No.	Part No.	Description				Remark
< RESISTOR >							R232	1-247-822-11	CARBON	430	5%	1/4W	
							R233	1-247-866-11	CARBON	30K	5%	1/4W	
R101	1-247-838-00	CARBON	2K	5%	1/4W (K361)		R234	1-247-866-11	CARBON	30K	5%	1/4W	
R101	1-249-421-11	CARBON	2. 2K	5%	1/4W (RX361)		R235	1-249-439-11	CARBON	68K	5%	1/4W	
R102	1-247-842-11	CARBON	3K	5%	1/4W (K361)		R236	1-249-410-11	CARBON	270	5%	1/4W	
R102	1-249-423-11	CARBON	3. 3K	5%	1/4W (RX361)								
R104	1-249-417-11	CARBON	1K	5%	1/4W		R241	1-249-432-11	CARBON	18K	5%	1/4W	
							R242	1-249-432-11	CARBON	18K	5%	1/4W	
R105	1-249-423-11	CARBON	3. 3K	5%	1/4W		R243	1-249-421-11	CARBON	2. 2K	5%	1/4W	
R106	1-247-887-00	CARBON	220K	5%	1/4W		R244	1-247-854-11	CARBON	9. 1K	5%	1/4W	
R107	1-249-428-11	CARBON	8. 2K	5%	1/4W		R245	1-249-409-11	CARBON	220	5%	1/4W	
R110	1-249-429-11	CARBON	10K	5%	1/4W								
R111	1-249-423-11	CARBON	3. 3K	5%	1/4W		R251	1-249-433-11	CARBON	22K	5%	1/4W	
							R252	1-249-417-11	CARBON	1K	5%	1/4W	
R121	1-249-437-11	CARBON	47K	5%	1/4W		R253	1-249-441-11	CARBON	100K	5%	1/4W	
R122	1-249-421-11	CARBON	2. 2K	5%	1/4W		R254	1-249-433-11	CARBON	22K	5%	1/4W	
R123	1-249-421-11	CARBON	2. 2K	5%	1/4W		R261	1-249-429-11	CARBON	10K	5%	1/4W	
R124	1-249-437-11	CARBON	47K	5%	1/4W								
R125	1-249-425-11	CARBON	4. 7K	5%	1/4W		R502	1-215-452-00	METAL	20K	1%	1/4W	
							R503	1-249-422-11	CARBON	2. 7K	5%	1/4W	
R131	1-249-425-11	CARBON	4. 7K	5%	1/4W		R504	1-215-455-00	METAL	27K	1%	1/4W	
R132	1-247-822-11	CARBON	430	5%	1/4W		R505	1-249-417-11	CARBON	1K	5%	1/4W	
R133	1-247-866-11	CARBON	30K	5%	1/4W		R506	1-249-429-11	CARBON	10K	5%	1/4W	(RX361)
R134	1-247-866-11	CARBON	30K	5%	1/4W								
R135	1-249-439-11	CARBON	68K	5%	1/4W		R507	1-249-441-11	CARBON	100K	5%	1/4W	(RX361)
							R511	1-249-429-11	CARBON	10K	5%	1/4W	
R136	1-249-410-11	CARBON	270	5%	1/4W		R512	1-249-421-11	CARBON	2. 2K	5%	1/4W	
R141	1-249-432-11	CARBON	18K	5%	1/4W		R513	1-249-441-11	CARBON	100K	5%	1/4W	
R142	1-249-432-11	CARBON	18K	5%	1/4W		R514	1-249-441-11	CARBON	100K	5%	1/4W	
R143	1-249-421-11	CARBON	2. 2K	5%	1/4W								
R144	1-247-854-11	CARBON	9. 1K	5%	1/4W		R515	1-249-436-11	CARBON	39K	5%	1/4W	
							R516	1-249-425-11	CARBON	4. 7K	5%	1/4W	
R145	1-249-409-11	CARBON	220	5%	1/4W		R517	1-249-433-11	CARBON	22K	5%	1/4W	
R151	1-249-433-11	CARBON	22K	5%	1/4W		R518	1-249-425-11	CARBON	4. 7K	5%	1/4W	
R152	1-249-417-11	CARBON	1K	5%	1/4W		R521	1-249-426-11	CARBON	5. 6K	5%	1/4W	(K361)
R153	1-249-441-11	CARBON	100K	5%	1/4W								
R154	1-249-433-11	CARBON	22K	5%	1/4W		R521	1-247-852-11	CARBON	7. 5K	5%	1/4W	(RX361)
							R522	1-249-426-11	CARBON	5. 6K	5%	1/4W	(K361)
R161	1-249-429-11	CARBON	10K	5%	1/4W		R522	1-247-852-11	CARBON	7. 5K	5%	1/4W	(RX361)
R201	1-247-838-00	CARBON	2K	5%	1/4W (K361)		R523	1-247-858-11	CARBON	13K	5%	1/4W	
R201	1-249-421-11	CARBON	2. 2K	5%	1/4W (RX361)		R524	1-247-852-11	CARBON	7. 5K	5%	1/4W	
R202	1-247-842-11	CARBON	3K	5%	1/4W (K361)								
R202	1-249-423-11	CARBON	3. 3K	5%	1/4W (RX361)		R525	1-247-854-11	CARBON	9. 1K	5%	1/4W	(K361)
							R525	1-249-429-11	CARBON	10K	5%	1/4W	(RX361)
R204	1-249-417-11	CARBON	1K	5%	1/4W		R526	1-247-854-11	CARBON	9. 1K	5%	1/4W	(K361)
R205	1-249-423-11	CARBON	3. 3K	5%	1/4W		R526	1-249-429-11	CARBON	10K	5%	1/4W	(RX361)
R206	1-247-887-00	CARBON	220K	5%	1/4W		R527	1-249-426-11	CARBON	5. 6K	5%	1/4W	
R207	1-249-428-11	CARBON	8. 2K	5%	1/4W								
R210	1-249-429-11	CARBON	10K	5%	1/4W		R528	1-249-422-11	CARBON	2. 7K	5%	1/4W	
							R529	1-249-429-11	CARBON	10K	5%	1/4W	
R211	1-249-423-11	CARBON	3. 3K	5%	1/4W		R530	1-249-421-11	CARBON	2. 2K	5%	1/4W	
R221	1-249-437-11	CARBON	47K	5%	1/4W		R531	1-249-427-11	CARBON	6. 8K	5%	1/4W	(K361)
R222	1-249-421-11	CARBON	2. 2K	5%	1/4W		R531	1-249-426-11	CARBON	5. 6K	5%	1/4W	(RX361)
R223	1-249-421-11	CARBON	2. 2K	5%	1/4W								
R224	1-249-437-11	CARBON	47K	5%	1/4W		R532	1-249-433-11	CARBON	22K	5%	1/4W	(K361)
							R532	1-247-862-11	CARBON	20K	5%	1/4W	(RX361)
R225	1-249-425-11	CARBON	4. 7K	5%	1/4W		R535	1-249-419-11	CARBON	1. 5K	5%	1/4W	(K361)
R231	1-249-425-11	CARBON	4. 7K	5%	1/4W		R536	1-249-421-11	CARBON	2. 2K	5%	1/4W	

SYSTEM CONTROL

PANEL

POWER TRANSFORMER

HEADPHONE

DISPLAY

Ref.No.	Part No.	Description	Remark		
R537	1-247-866-11	CARBON	30K	5%	1/4W
R538	1-247-852-11	CARBON	7.5K	5%	1/4W
R539	1-249-431-11	CARBON	15K	5%	1/4W
R540	1-247-874-11	CARBON	62K	5%	1/4W
R541	1-249-429-11	CARBON	10K	5%	1/4W
R542	1-249-429-11	CARBON	10K	5%	1/4W
R543	1-249-429-11	CARBON	10K	5%	1/4W
R544	1-249-429-11	CARBON	10K	5%	1/4W
R553	1-249-437-11	CARBON	47K	5%	1/4W
R555	1-249-427-11	CARBON	6.8K	5%	1/4W
R556	1-249-423-11	CARBON	3.3K	5%	1/4W
R557	1-249-441-11	CARBON	100K	5%	1/4W
R558	1-249-429-11	CARBON	10K	5%	1/4W
R559	1-249-441-11	CARBON	100K	5%	1/4W
R560	1-249-417-11	CARBON	1K	5%	1/4W
R561	1-249-432-11	CARBON	18K	5%	1/4W
R562	1-249-436-11	CARBON	39K	5%	1/4W
R571	1-249-403-11	CARBON	68	5%	1/4W
R572	1-249-429-11	CARBON	10K	5%	1/4W
R573	1-249-429-11	CARBON	10K	5%	1/4W
R574	1-249-435-11	CARBON	33K	5%	1/4W
R575	1-247-807-31	CARBON	100	5%	1/4W
R601	1-249-419-11	CARBON	1.5K	5%	1/4W
R602	1-249-429-11	CARBON	10K	5%	1/4W
R603	1-247-807-31	CARBON	100	5%	1/4W
R604	1-249-433-11	CARBON	22K	5%	1/4W
R605	1-249-433-11	CARBON	22K	5%	1/4W
R606	1-249-430-11	CARBON	12K	5%	1/4W
R607	1-249-433-11	CARBON	22K	5%	1/4W
R608	1-247-862-11	CARBON	20K	5%	1/4W
R609	1-249-429-11	CARBON	10K	5%	1/4W
R701	1-249-425-11	CARBON	4.7K	5%	1/4W
R702	1-249-419-11	CARBON	1.5K	5%	1/4W
R703	1-249-418-11	CARBON	1.2K	5%	1/4W
R704	1-249-427-11	CARBON	6.8K	5%	1/4W
R705	1-249-419-11	CARBON	1.5K	5%	1/4W
R706	1-249-419-11	CARBON	1.5K	5%	1/4W
R707	1-249-429-11	CARBON	10K	5%	1/4W
R708	1-249-425-11	CARBON	4.7K	5%	1/4W
R709	1-249-409-11	CARBON	220	5%	1/4W
R710	1-249-417-11	CARBON	1K	5%	1/4W
R711	1-249-427-11	CARBON	6.8K	5%	1/4W
R712	1-249-427-11	CARBON	6.8K	5%	1/4W
R713	1-249-429-11	CARBON	10K	5%	1/4W
R714	1-249-425-11	CARBON	4.7K	5%	1/4W
R715	1-249-421-11	CARBON	2.2K	5%	1/4W
R716	1-249-437-11	CARBON	47K	5%	1/4W
R717	1-249-429-11	CARBON	10K	5%	1/4W
R718	1-247-870-11	CARBON	43K	5%	1/4W

Ref.No.	Part No.	Description	Remark		
R719	1-249-429-11	CARBON	10K	5%	1/4W
R723	1-249-417-11	CARBON	1K	5%	1/4W
R801	1-249-417-11	CARBON	1K	5%	1/4W
R802	1-249-441-11	CARBON	100K	5%	1/4W
R805	1-249-434-11	CARBON	27K	5%	1/4W
R806	1-249-434-11	CARBON	27K	5%	1/4W
R807	1-249-434-11	CARBON	27K	5%	1/4W
R808	1-249-434-11	CARBON	27K	5%	1/4W
R809	1-249-434-11	CARBON	27K	5%	1/4W
R810	1-247-807-31	CARBON	100	5%	1/4W
R811	1-247-807-31	CARBON	100	5%	1/4W
R812	1-247-807-31	CARBON	100	5%	1/4W
R813	1-247-807-31	CARBON	100	5%	1/4W
R814	1-247-807-31	CARBON	100	5%	1/4W
R815	1-247-807-31	CARBON	100	5%	1/4W
R816	1-247-807-31	CARBON	100	5%	1/4W
R817	1-249-435-11	CARBON	33K	5%	1/4W
R818	1-249-435-11	CARBON	33K	5%	1/4W
R819	1-249-435-11	CARBON	33K	5%	1/4W
R820	1-247-807-31	CARBON	100	5%	1/4W
R821	1-249-435-11	CARBON	33K	5%	1/4W
R822	1-249-429-11	CARBON	10K	5%	1/4W
R823	1-249-435-11	CARBON	33K	5%	1/4W
R824	1-249-421-11	CARBON	2.2K	5%	1/4W
R825	1-249-441-11	CARBON	100K	5%	1/4W
R826	1-249-421-11	CARBON	2.2K	5%	1/4W
R827	1-249-422-11	CARBON	2.7K	5%	1/4W
R828	1-249-422-11	CARBON	2.7K	5%	1/4W
R829	1-249-422-11	CARBON	2.7K	5%	1/4W
R830	1-249-435-11	CARBON	33K	5%	1/4W
R901	1-249-420-11	CARBON	1.8K	5%	1/4W
R902	1-249-423-11	CARBON	3.3K	5%	1/4W (RX361)
R903	1-247-854-11	CARBON	9.1K	5%	1/4W (K361)
R903	1-249-426-11	CARBON	5.6K	5%	1/4W (RX361)
R904	1-249-429-11	CARBON	10K	5%	1/4W
R905	1-249-435-11	CARBON	33K	5%	1/4W
R906	1-249-420-11	CARBON	1.8K	5%	1/4W
R907	1-249-423-11	CARBON	3.3K	5%	1/4W
R908	1-249-426-11	CARBON	5.6K	5%	1/4W
R909	1-249-429-11	CARBON	10K	5%	1/4W (RX361)
R910	1-249-435-11	CARBON	33K	5%	1/4W (RX361)
R911	1-249-429-11	CARBON	10K	5%	1/4W
R912	1-249-429-11	CARBON	10K	5%	1/4W
R913	1-249-429-11	CARBON	10K	5%	1/4W
R921	1-247-850-11	CARBON	6.2K	5%	1/4W
R922	1-247-862-11	CARBON	20K	5%	1/4W
R923	1-249-428-11	CARBON	8.2K	5%	1/4W
R924	1-249-425-11	CARBON	4.7K	5%	1/4W
R925	1-249-437-11	CARBON	47K	5%	1/4W

SYSTEM CONTROL

PANEL

POWER TRANSFORMER

HEADPHONE

DISPLAY

Ref.No.	Part No.	Description	Remark
< VARIABLE RESISTOR >			
RV111	1-241-630-11	RES, ADJ, CARBON 10K (RECORD LEVEL L)	
RV211	1-241-630-11	RES, ADJ, CARBON 10K (RECORD LEVEL R)	
RV901	1-223-604-11	RES, VAR, CARBON 10K/10K (REC LEVEL)	
RV902	1-223-605-11	RES, VAR, CARBON 20K/20K (BALANCE)	

< SWITCH >

S901	1-554-303-21	SWITCH, TACTILE (II)	
S902	1-554-303-21	SWITCH, TACTILE (▷) (RX361)	
S903	1-554-303-21	SWITCH, TACTILE (▷) (K361)	
S904	1-554-303-21	SWITCH, TACTILE (◁) (RX361)	
S905	1-554-303-21	SWITCH, TACTILE (○)	
S906	1-554-303-21	SWITCH, TACTILE (RESET)	
S907	1-554-303-21	SWITCH, TACTILE (MEMORY)	
S908	1-554-303-21	SWITCH, TACTILE (■)	
S909	1-554-303-21	SWITCH, TACTILE (◀◀)	
S910	1-554-303-21	SWITCH, TACTILE (▶▶)	
S911	1-554-303-21	SWITCH, TACTILE (●)	
S912	1-692-478-11	SWITCH, SLIDE (DIRECTION) (RX361)	
S913	1-692-409-11	SWITCH, PUSH (1 KEY) (POWER)	
S921	1-554-303-21	SWITCH, TACTILE (AUTO CAL)	
S922	1-692-408-11	SWITCH, ROTARY (DOLBY NR)	
S923	1-554-118-00	SWITCH, PUSH (1 KEY) (MPX FILTER)	

< TEST PIN >

* TP801	1-564-505-11	PLUG, CONNECTOR 2P	
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< VIBRATOR >

X801	1-579-175-11	VIBRATOR, CERAMIC (10MHz)	
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MISCELLANEOUS

△5	1-558-945-21	CORD, POWER (POLAR. SPT-1) (Canadian)	
△5	1-575-651-21	CORD, POWER (AEP, G)	
△5	1-696-027-11	CORD, POWER (E)	
△5	1-696-845-11	CORD, POWER (AUS)	
△13	1-569-007-11	ADAPTER, CONVERSION 2P (E)	
61	1-751-736-11	WIRE (FLAT TYPE) (33 CORE)	
66	1-696-965-11	WIRE (FLAT TYPE) (7 CORE)	
78	1-534-517-00	WIRE (FLAT TYPE) (13 CORE)	
103	1-638-983-11	MOTOR FLEXIBLE BOARD	
153	1-638-983-11	MOTOR FLEXIBLE BOARD	
HE101	1-543-673-11	HEAD, MAGNETIC (ERASE) (K361)	
HRP101	1-543-919-11	HEAD, MAGNETIC (RECORD/PLAYBACK) (K361)	
HRPE101A	2003-930-A	BASE ASSY, HEAD (RECORD/PLAYBACK/ERASE) (RX361)	
M1	X-3365-377-2	MOTOR ASSY (CAPSTAN)	

Ref.No.	Part No.	Description	Remark
M2	X-3363-501-2	MOTOR ASSY (REEL)	
△S701	1-570-046-21	SWITCH, VOLTAGE CHANGE (E)	
△T701	1-426-651-11	TRANSFORMER, POWER (AEP, G, AUS)	
△T701	1-426-652-11	TRANSFORMER, POWER (E)	
△T701	1-427-743-11	TRANSFORMER, POWER (Canadian)	

ACCESSORIES & PACKING MATERIALS

	1-551-734-11	CORD, CONNECTION	
	3-798-460-11	MANUAL, INSTRUCTION (ENGLISH, FRENCH, SPANISH, PORTUGUESE) (RX361)	
	3-798-460-41	MANUAL, INSTRUCTION (GERMAN, DUTCH, SWEDISH, ITALIAN) (RX361:AEP)	
	3-798-461-11	MANUAL, INSTRUCTION (ENGLISH, FRENCH, SPANISH, PORTUGUESE) (K361:AEP)	
	3-798-461-21	MANUAL, INSTRUCTION (ENGLISH) (K361:AUS)	
	3-798-461-41	MANUAL, INSTRUCTION (GERMAN, DUTCH, SWEDISH, ITALIAN) (K361:AEP)	
	3-798-461-51	MANUAL, INSTRUCTION (GERMAN) (K361:G)	
	3-798-461-61	MANUAL, INSTRUCTION (ENGLISH, FRENCH, SPANISH, CHINESE) (K361:E)	
*	3-907-887-01	CUSHION	
*	3-923-965-01	INDIVIDUAL CARTON (K361:E, AUS)	
*	3-923-965-11	INDIVIDUAL CARTON (K361:AEP, G)	
*	3-923-965-21	INDIVIDUAL CARTON (RX361:Canadian)	
*	3-923-965-31	INDIVIDUAL CARTON (RX361:AEP)	

HARDWARE LIST

#1	7-682-548-09	SCREW +BVTT 3×8 (S)	
#2	7-682-548-04	SCREW +BVTT 3×8 (S)	
#3	7-621-773-95	SCREW +BVTT 2.6×6 (S)	
#4	7-685-134-19	SCREW + PTPWH 2.6×8	
#5	7-621-772-58	SCREW +B2×10 (K361)	
#6	7-627-556-08	SCREW +P 2.6×2.8	
#7	7-621-775-00	SCREW +B 2.6×3	
#8	7-682-547-09	SCREW +BVTT 3×6 (S)	
#9	7-685-534-19	SCREW +BTP 2.6×8 TYPE2 N-S (E)	

The components identified by mark **△** or dotted line with mark **△** are critical for safety. Replace only with part number specified.

Les composants identifiés par une marque **△** sont critiques pour la sécurité. Ne les remplacer que par une pièce portant le numéro spécifié.

Sony Corporation

Consumer A&V Products Company

Home A&V Products Div.

English

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